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# *Descriptive Price List*

of

**Hardy Roses**

**Hardy Herbaceous Perennials**

**Rock and Alpine Plants**

**Liliums and Other Bulbs**

**Flowering Shrubs**

**Fruit Trees**

**Seeds and Sundries**

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U. S. Department of Agriculture

**1937**

OFFERED BY

**WILLIAM N. CRAIG**

**Front Street at Federal**

**WEYMOUTH, MASS.**

## **Conditions of Sales**

### **NON WARRANTY**

I do not give any warranty express or implied as to Description, Quality, Productiveness or any other matter of any Plants, Bulbs, Seeds or any other goods offered in this catalogue, although the greatest care is taken to supply everything correctly named and of good quality. Purchasers unwilling to accept goods on these terms will confer a favor by promptly returning them.

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### **PRICES**

Prices in this Catalogue are as low as is consistent of quality. Money fluctuations are such that some changes may be necessary during the year. We stick to the prices in this Catalogue and never sell goods through roadside stands, dry goods houses or other channels as too many firms are doing today. 6 plants can be bought at dozen rate and 25 and 50 at the 100 rate in all cases where plants are offered in these quantities.

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### **INSPECTION CORDIALLY INVITED**

We do not plant a large area but crop it intensively and always strive to have it in a neat and presentable condition. During late April and through May we have large collections of Tulips, Narcissi, Fritillarias, Eremuri and other bulbs in bloom. From late May until mid-October there will be Liliums in flower, of these we are growing over 100 varieties. During more than half the year Rock Plants, and Hardy Herbaceous plants can be found in flower as well as interesting varieties of the less common evergreen and deciduous Flowering Shrubs. Our garden is open every day for inspection.

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### **FALL CATALOGUE**

We publish early in August a catalogue of Liliums in addition to such other hardy bulbs as Tulips, Narcissi, Hyacinths, Crocus, Scillas, Chionodoxas, Fritillarias, Eremuri, Galanthus, Sternbergias, Puschkinias, Iris, Muscari, Camassias, Leucojum and other bulbs. This includes many varieties rarely listed and will be gladly mailed on request.

## HARDY GARDEN ROSES

Garden roses may be successfully planted either in the fall or spring. To achieve success with them thorough preparation of the ground is essential. Well drained ground, free if possible from shade, deeply spaded and liberally manured is what roses love, they are more often starved than otherwise. I do not remember having seen any which have died from over-feeding; use cow manure if possible, but stable manure, well rotted, sheep manure, and bone are all good, so is soot. Plant as early as possible in spring for the best results. Be sure roots are moist when planted, spread them out well, and firm thoroughly. Cover the swollen part from which the shoots spring at least 1½ inches. Do not prune newly planted stock until it has started to grow, then do not be afraid to head the plants back severely. During the growing season keep the surface soil stirred lightly and always do this after a rain. When you water do it thoroughly. Spraying the plants each night is more harmful than helpful. Winter protection is best afforded by drawing soil up around the plants just before freezing up weather, when the ground is hard frozen this can be supplemented by a generous covering of straw or leaves, this must not be done while the ground is soft or field mice may burrow below the mulch and do great damage. To hold the mulch down evergreen boughs are excellent to use. Do not uncover too hastily. In the vicinity of Boston late March is sufficiently early to remove first the evergreens, next the mulch of straw or leaves and lastly level down the soil banked around each plant. As a rule April 15 is early enough to start pruning of rose bushes. Much of the pruning on Climbers and Ramblers should be done directly after flowering so that not much is necessary in spring.

The plants we offer are two year old field grown. We do not carry the cheap discarded greenhouse roses featured by some advertisers, these are good for one year if the price is no higher than that of bedding geraniums. We do not offer or recommend the "package roses" to be found each spring in all types of stores.

Fall planting of all types of hardy roses I would strongly recommend. In recent years I have had very much better success with fall than spring planting and I would strongly recommend anyone who has any doubts as regards its success to try a few plants this fall and compare results with spring plantings.

As a summer mulch I cordially recommend Ideal Peat Moss spread to a thickness of 1½ to 2 inches, this prevents the soil drying out, keeps the roots cooler and assists materially in checking weed growth, remove this in the fall and do not incorporate it in the soil. For black spot nothing is better than Massey Dust or Niagara Dust applied once a week at least through the season, and before each rain. All affected and fallen leaves should be picked up and burned, if this is not done the trouble will be more likely to be acute the following year.

A great many roses are today being patented. These include, good, bad and indifferent varieties. High powered advertising through colored plates stimulates the sales of these but many are very disappointing and have been dropped from our list. Again I would say order and plant early for the best results.



## HYBRID TEA ROSES

Amongst the newer offerings in the Hybrid Tea class the following are especially good, not all new varieties are of value, in fact many highly touted patented kinds are of little value; these are in my estimation really good, Dickson's Centennial, Signora, Eclipse, McGredy's Yellow, McGredy's Triumph, Carrie Jacobs Bond, Alezane, Better Times and Symphony.

Each

- Alezane.** (Pahissa 1934, Patent No. 116.) The large reddish brown buds open to sorrel and unfurl rich apricot with reverse side sorrel striped yellow. Vigorous growth, a really striking novelty .....\$1.50
- Angele Pernet.** (Pernet-Ducher, 1924.) Orange yellow, shaded orange apricot, a real glowing sunset color, very lovely .....
- Autumn.** (Coddington, 1931.) Burnt orange in bud stage, fully expanded flowers are burnt orange streaked red, some fragrance, medium size, free bloomer .....
- Better Times.** (J. H. Hill Co., 1934, Plant Patent 23.) A grand new rose of outstanding excellence which promises to become just as popular outdoors as under glass. The large cerise red flowers are carried on splendid stems and foliage is excellent, delicately fragrant .....\$1.25
- Betty Uprichard.** (Alex. Dickson & Sons, 1922.) One of the very finest bedding roses both here and abroad. A lovely combination of colors, inner face delicate salmon pink, outside glowing carmine with coppery sheen and orange suffusion .....
- Briarcliff.** (Briarcliff Greenhouses, 1925.) A sport from Columbia without its faults. Large pointed flowers, silvery rose pink in color ....
- Caledonia.** (Dobbie, 1925.) Magnificent large double snow white flower. Foliage good and plant very vigorous .....
- Carrie Jacobs Bond.** (Howard & Smith, 1934.) (Patent 158.) A truly beautiful rose named in honor of the author of "The End of a Perfect Day." The large, double flowers are of fine form and carried on strong stems. In color a rich deep rose enhanced by a luminous coral sheen .....\$1.50
- Charles K. Douglas.** (Hugh Dickson, 1919.) A rich scarlet rose which holds its color well. Fragrant and a very good clean grower .....
- Columbia.** (E. G. Hill Co., 1917.) For several years the leading forcing rose of its color, still much favored as a garden variety, bright pink and a free bloomer .....
- Countess Vandal.** (Leenders & Co., 1932.) (Patent No. 38.) Long pointed buds of bronze, coppery salmon, and gold with some fragrance .....\$1.00 each, \$10.00 per doz.
- Dame Edith Helen.** (Alex. Dickson & Sons, 1926.) This lovely rose has steadily grown in favor. The immense blooms are of a glorious, brilliant, soft pink color, the petals curl prettily and the fragrance is quite pronounced ...
- Double White Killarney.** (Budlong & Sons Co., 1913.) This is the best of the white forms of Killarney, the color is pure and the plants flower very freely. Habit is rather dwarf .....

Each

- Dickson's Centennial.** (Alex. Dickson & Sons, 1937, Patent applied for.) A truly marvelous new rose with superb blooms of deep glowing crimson and velvety red shadings, inner petals sparkling strawberry red when fully developed, a velvety sheen radiates from every petal; vigorous and very fragrant .....\$2.00
- Duchess of Wellington.** (A. Dickson & Sons, 1909.) This still remains one of the best beloved hybrid tea roses in commerce, carries coppery yellow flowers of good size and is fragrant. There are larger yellows but none more dependable .....
- Eclipse.** (J. H. Nicolas, 1936, Patent 172.) A winner of many International prizes abroad, color very rich golden yellow, 20-25 petals to the flower, petals are large and tough, and without shading .....\$1.50
- Edith Nellie Perkins.** (A Dickson & Sons, 1928.) Long pointed buds which are creamy and blush without, the color within being salmon pink with a golden orange base. A superb rose, vigorous and very fragrant .....
- Etoile de Hollande.** (Verschuren & Sons, 1919.) Rich crimson red, one of our very finest bedding roses where brilliancy and constant blooming qualities are desired. Very fragrant
- Feu Joseph Looymans.** (Looymans, 1921.) Long pointed buds of glowing apricot and old gold, which are fragrant and of fine form, steadily growing in favor .....
- Golden Dawn.** (P. Grant, 1929.) A lovely yellow Australian rose, the flowers in color resemble those of that grand old variety Marechal Neil, fine foliage and vigorous .....
- Gruss an Teplitz.** (Geschwindt, 1897.) Carries bunches of medium sized crimson red flowers which are fragrant. Too robust to go with other hybrid teas, its place is in a bed by itself or in the shrubbery border, must be more lightly pruned also .....
- Innocence.** Nearly single with 12 petals. Very large snow white flowers with wine red stamens tipped with golden anthers .....
- Irish Fireflame.** (Alexander Dickson & Sons, 1913.) Another lovely single rose, the color is madder orange changing to old gold .....
- Killarney Queen.** (Budlong & Sons, 1912.) This is easily the best of the pink sports from the one time popular Killarney, bright pink semi-double flowers .....
- Kaiserin Auguste Viktoria.** (Lambert, 1891.) This old variety still retains considerable popularity, the flowers are pearly white, tinted lemon, fragrant and well formed, the plant is not a very good grower, however ....
- Lady Margaret Stewart.** (Alex. Dickson & Sons, 1926.) A truly glorious gold medal rose. The color is sunflower yellow veined orange scarlet, with the reverse of petals deeply suffused carmine, of a lovely orange shade when fully open, may well be classed as a glorified Rev. F. Page Roberts, but more vigorous than that lovely rose .....
- Los Angeles.** (Howard & Smith, 1916.) Rich flame color shaded orange, fragrant, lovely in bud and its glorious color gives it great popularity, must be well protected from black spot .....

Each

- Mme. Jules Bouche.** Medium sized white flowers delicately tinted pink .....
- Mme. Butterfly.** (E. G. Hill Co., 1918.) A glorified sport from Ophelia, richly tinted gold near base of petals, has some fragrance and is a great bloomer .....
- Mme. Edouard Herriott.** (Pernet-Ducher, 1913.) Often referred to as the "Daily Mail Rose," is one of the most popular roses ever introduced. Coral red and orange in the bud, opening orange red, protect well from black spot .....
- McGredy's Scarlet.** (S. McGredy & Sons.) The large full flowers of this splendid rose are brilliant scarlet with a touch of orange yellow at base of petals. Vigorous and free flowering .....
- McGredy's Triumph.** (S. McGredy & Sons, 1935.) Every rose with the name McGredy attached is good and in this new variety which has vigor, size, form and color we have ovoid cerise buds overshadowed with orange, opening into a brilliant deep pink with a yellow centre .....\$2.00
- McGredy's Yellow.** By many growers both here and abroad this is classed as easily the finest yellow hybrid tea rose in commerce. Bright buttercup yellow flowers which stand up under rain, beautiful rich glossy foliage, fragrant .....\$1.50
- McGredy's Ivory.** Perfectly shaped ivory white flowers which are sweetly scented .....
- Margaret McGredy.** (S. McGredy & Son, 1927.) One of McGredy's finest introductions. A good grower and profuse bloomer, the color is orange scarlet, shaded yellow at the base and is very lovely .....
- Mevrouw G. A. Van Rossem.** A truly lovely rose with a unique color combination, being vivid orange and apricot on a golden yellow ground, often touched with bronze. Fragrant and of fine form .....
- Miss Rowena Thom.** Blooms of brilliant satiny pink, orange flame centre .....
- Mrs. Aaron Ward.** (Pernet-Ducher, 1901.) Buff in bud, tawny yellow when open, of dwarf habit, free flowering and is good for the edges of beds .....
- Mrs. Erskine Pembroke Thom.** Far superior to Souv. de Claudius Pernet as a yellow for the garden. Long buds of a rich lemon yellow color .....
- Mrs. Henry Bowles.** (Chaplin Bros., 1921.) Luminous deep salmon pink, high centered flower .....
- Mrs. Henry Morse.** (S. McGredy & Son, 1919.) Bright rose, impregnated vermillion, dwarf habit and very free flowering, one of the finest hybrid teas in commerce .....
- Mrs. Sam McGredy.** (McGredy, 1930.) Large orange salmon flower with golden suffusion, vigorous and healthy .....
- President Herbert Hoover.** (Coddington, 1930.) A very beautiful and fragrant rose which steadily grows in favor. The delightful combination of cerise pink, flame, scarlet and yellow which make up the flower thrills everyone, much superior outdoors to Talisman ....
- Portadown Fragrance.** Very fine brilliant orange scarlet, vigorous and very fragrant ....
- Queensland Beauty.** An Australian sport of the well known Golden Dawn with extra large



- leathery foliage and beautiful big coppery pink flowers .....\$1.00
- Radiance.** (John Cook, 1908.) Probably the hardiest, most vigorous and most generally dependable hybrid tea in America, free from about all ailments, almost too robust to plant with the bulk of its class. Color silvery rose, and fragrant .....
- Red Radiance.** (Gude Bros., 1916.) Rosy red and floriferous like the type, very vigorous ..
- Rev. F. Page Roberts.** (B. R. Cant & Sons, 1921.) A tremendously popular variety, the long pointed buds are coppery red in color, opening a lovely yellow, not a very good grower .....
- Sir Henry Segrave.** (Alex. Dickson & Sons, 1932.) Long pointed buds develop into very large high centered flowers of a lemon yellow color deepening towards the centre, has a rich fragrance .....\$1.00
- Signora.** (Aicardi, 1936, Patent 201.) A strikingly beautiful new variety, long buds of warm burnt sienna open to a lighter hue suggesting mandarin. Handsome foliage, flowers carried on long stems, splendid for cutting.\$2.00
- Token.** (Montgomery Co., 1934, Plant Patent No. 95.) Of an unusual color, a glowing shade of rich unripened apricot finished with soft coral .....\$1.25
- Talisman.** (Montgomery, 1929.) No rose ever introduced made such a sensation as Talisman. It blooms very freely in the garden, the flowers are unique in their colorings, running from rich apricot, gold, deep and rose pink to old rose. Immensely popular .....
- Ville de Paris.** (Pernet-Ducher, 1920.) Very rich buttercup yellow, buds are long and flowers extra large. Preferable to Souv. de Claudius Pernet .....
- Wilhelm Kordes.** (W. Kordes Sons, 1922.) The color here is truly unique, being rich red with a coppery suffusion overlying a golden salmon ground. Long buds, high centered flowers and very fragrant .....
- Willowmere.** Brilliant pink flowers suffused with a golden light .....

All Hybrid Tea roses offered unless otherwise priced are 75 cents each, \$8.00 per dozen, \$60.00 per 100. We handle only the highest quality of field grown two year old grafted plants. We do not offer any of the cheap discarded greenhouse forced roses, nor do we handle any on their own roots as they are valueless in New England, although succeeding quite well in certain of our warmer states.

HYBRID PERPETUAL ROSES

These roses which were immensely popular before the advent of the Hybrid Teas are more winter hardy than the latter and well adapted for the colder portions of New England. In nearly every case they have a very pronounced fragrance. While the majority bloom principally in June, a few are fairly constant bloomers.

- Captain Hayward.** (Bennett, 1893.) Crimson scarlet, fine form, fragrant and robust.
- Frau Karl Druschki.** (Peter Lambert, 1900.) Very large, pure white, extremely vigorous, although

without fragrance. The most popular of all white roses.

**George Arends.** (Hinner, 1910.) Sometimes called the "Pink Druschki." The color is a pure soft pink, large and beautifully formed flowers which are freely produced.

**Gloire de Chedane Guinoisseau.** Very large vermilion scarlet flowers of globular form.

**Henry Nevard.** Velvety scarlet, large, full fragrant flowers.

**Mme. Albert Barbier.** (Barbier & Co.) A grand variety of recent introduction, white with a delicate flush of pink, of dwarfer habit than its seed parent, Frau Karl Druschki.

**Magna Charta.** (William Paul & Son, 1876.) Bright pink suffused carmine, sweet scented, hardy and robust. Much used for forcing.

**Mrs. John Laing.** (Bennett, 1887.) Immensely popular, blooms just as freely as the Hybrid Teas. Large, clear pink flowers, freely produced and shoots are thornless.

**Paul Neyron.** (Levet, 1869.) Enormous flowers, dark lilac rose in color, very fragrant.

**Symphony.** (Weigand, 1934, Patent No. 79.) An everblooming pink Frau Karl Druschki. The flowers are often 6 inches across and are blush pink opening to pale rose and deepening towards the centre. \$1.50 each.

**Prince Camille de Rohan.** (Eugene Verdier, 1861.) This darkest of all the H. P. roses is still indispensable. The color is dark crimson, shaded maroon with a gracious fragrance. Given some shade the beautiful flowers will not burn.

**S. M. Gustave V.** (Nabonnaud, 1928.) An ever blooming hybrid perpetual, lovely pink color, vigorous, fully double flowers and very fragrant.

Prices of all Hybrid Perpetual roses except novelties 60 cents each, \$6.00 dozen, \$50.00 per 100. Six at dozen and 25 and 50 at 100 rate.

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## POLYANTHA OR "BABY RAMBLER" ROSES

The Polyantha roses are very persistent bloomers, being of dwarf or moderate habit. they are admirable for bedding and mass effects. While sometimes used as edgings for beds of Hybrid Teas they are much better used alone.

**Anne Poulsen.** (Polyantha.) (Poulsen, 1935.) Large semi-double scarlet-crimson flowers which are fragrant, produced all summer, plants are husky with splendid foliage. The finest of the Poulsen roses. \$1.25 each.

**Cameo.** (DeRuitter, 1932.) Shell pink and salmon with a golden glow, a real acquisition.

**Chatillon Rose.** (August Nonin, 1923.) Bright pink semi-double flowers, shaded orange, a very profuse bloomer.

**Ellen Poulsen.** (D. L. Poulsen, 1912.) Large compact trusses of bright rose flowers very abundantly produced, plants rarely exceed 18 inches in height.

**Else Poulsen.** A beautiful tone of pure rose pink, large flowers very freely produced, grows 24-30 inches in height.

**Golden Salmon.** (William Cutbush & Son, 1926.) This beautiful variety has caused something of a sensation. The color is novel, being brilliant golden orange scarlet, always flowering.

- Gruss an Aachen.** Different from all other Polyanthas on account of the remarkable size of the flowers which are often mistaken for Hybrid Teas. Buds are orange red and yellow, when fully open the very double flowers are a charming combination of light pink and salmon yellow. A wonderful fall bloomer.
- Lady Reading.** The habit is similar to that of Ellen Poulsen but the flowers are bright red and possess some fragrance.
- Mme. Cecile Brunner.** (Ducher, 1881.) Popularly known as the "Sweetheart Rose," delightful for boutonnieres.
- Marie Pavie.** Pure white of very nice form and free flowering.
- Mrs. R. M. Finch.** Soft rosy pink. A glorified Mme. C. Brunner.
- Permanent Wave.** (M. Leenders, 1932, Patent 107.) Of the large flowered hybrid polyantha type, rosy pink flowers in large clusters permanently waved from bud stage to finished flower, color rosy pink. A fine acquisition. \$1.00 each.
- Pink Gruss an Aachen.** Like Gruss an Aachen in every respect but color, which is a very pleasing pink.
- Pink Lafayette.** A very charming variety with large clusters of showy pink flowers.
- Salmon Spray.** A sweetly scented and floriferous variety, rich semi-double salmon pink flowers shaded carmine on the reverse.
- Prices of Polyantha Roses except Anne Poulsen, 50 cents each, \$5.00 per doz., \$40.00 per 100.

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## CLIMBING RAMBLER OR PILLAR ROSES

- Albertine.** (Barbier & Co., 1921.) Of a most unique color, the vermillion buds expand to large perfectly shaped moderately double flowers of a lively cameo pink color with a silvery suffusion, sweetly scented.
- American Pillar.** (Dr. Van Fleet, 1902.) Carries immense trusses of crimson pink flowers, which last extremely well, possesses great vigor.
- Apricot Glow.** (Patent 200.) A beautiful climber with medium sized flowers similar to Jacotte in color but fully double, light apricot in color shading to yellow at the base. A profuse bloomer carrying its flowers in large clusters, the pleasing fruity fragrance is another great asset. Of vigorous habit. \$2.00 each.
- Aviateur Bleriot.** Small clusters of light yellow flowers with some fragrance. Fine as either a climber or trailer, rich shining foliage.
- Chaplins Crimson Glow.** A very vigorous climber in the way of Paul's Scarlet but carrying much larger flowers which are fully double, crimson in color with a white base.
- Coralie.** Semi-double flowers which when full open resemble those of Los Angeles, splendid glossy green foliage which never mildews.
- Daydream.** (Alastair Clark, 1925.) Here we have a splendid Australian climber with large semi-single flowers of a dainty rose pink color, very vigorous, \$1.00 each.
- Doubloons.** (M. H. Horvath, 1934.) (Plant Patent No. 152.) A wonderful climber carrying large

clusters of golden yellow flowers. Buds are saffron yellow, fragrant and fade very little. A fine acquisition. \$1.50 each.

**Dr. Van Fleet.** (Dr. Van Fleet, 1910.) Extremely vigorous, large clear pink flowers carried on strong stems, splendid foliage, a grand climber.

**Easlea's Golden Rambler.** (Walter Easlea, 1934, Patent 114.) Easily the leader amongst hardy yellow climbing roses both in America and Europe. The very large double yellow flowers are suggestive of that grand old rose Marechal Neil. The flowers are carried in large clusters and plants have wintered finely, very fragrant. \$1.25 each.

**Golden Glow.** (Patent applied for.) A pure bright yellow without any other shadings, similar in habit to Apricot Glow, carries 4-5 flowers per cluster, a very appealing variety. \$2.00 each.

**Emily Gray.** (Dr. A. D. Williams, 1916.) This lovely light orange yellow climber is steadily forging its way into popular favor, reports of its tenderness frightened some would-be planters, but it has succeeded so well in many sections that this fear is vanishing, flowers are very large, carried on long stems and the foliage is very attractive.

**Excelsa.** (M. H. Walsh, 1910.) Large clusters of bright crimson red flowers, far superior to the old Crimson Rambler with much better foliage.

**Gardenia.** (W. A. Manda, 1899.) Buds are yellow, opening pure sulphur, foliage very glossy and attractive, fine as either a climber or trailer.

**Glenn Dale.** (Dr. Van Fleet, 1927.) Beautiful lemon yellow buds. Introduced by the American Rose Society. A charming variety.

**Hiawatha.** (M. H. Walsh, 1904.) Large trusses of bright red flowers very abundantly produced, a splendid climber.

**Jacotte.** A very lovely salmon orange variety with a gold shading. Possesses a little fragrance, the foliage is very lustrous. This rose is thriving wonderfully in many parts of Massachusetts, 75 cents each.

**Kitty Kininmonth.** (Alastair Clark.) Another grand and vigorous Australian climber with deep glowing pink flowers, \$1.00 each.

**Le Reve.** A fine yellow pillar rose which stays yellow, is also fragrant and carries splendid foliage.

**Marie Gouchault.** (E. Turbat & Co., 1927.) Resembles Dorothy Perkins in habit but the flowers are much more brilliant, of a geranium pink color with no trace of magenta.

**Mary Lovett.** Pure waxy white, a charming climber.

**Mme. Gregoire Staechelin.** Better known as the "Spanish Beauty" rose, an immense pink flower, extremely vigorous.

**Mary Wallace.** (Dr. Van Fleet, 1921.) Large bright pink flowers illumined with gold and quite fragrant, very vigorous.

**Mermaid.** Still rather scarce, this lovely and immensely popular English variety is steadily increasing in popularity. The large single yellow flowers are 4-5 inches in diameter and plants flower over a long season. \$1.00 each.

**New Dawn.** (Somerset Rose Nursery.) (Plant Patent No. 1.) A truly ever blooming pink climber, best described as a perpetual flowering Dr. Van Fleet. This, the first patented rose has emphatically made good. \$1.50 each.

**Paul's Scarlet Climber.** (William Paul & Son, 1916.) The finest of all our climbing red roses, flowers are large, carried on trusses of moderate size and hold their color until fading, a grand pillar rose.

**Primrose.** A vigorous, hardy and quite dependable climber with soft yellow flowers which are quite large and fully double.

**Princess van Orange.** (DeRuiter, 1933, Patent 105.) Brilliant orange scarlet flowers. \$1.00 each.

**Purity.** Large semi-double snow-white flowers, very free.

**Silver Moon.** (Dr. Van Fleet, 1910.) Holds first place easily amongst climbing roses. The large flowers are pure white in color and the golden anthers show up very prominently above the translucent petals. Splendid foliage and extremely vigorous.

**Scorcher.** A grand Australian climber carrying large, handsome vermilion flowers, a steady bloomer and extremely vigorous.

**Wichuraiana.** A fine Japanese rose, useful as climber and also for covering banks, the foliage is very attractive, making a perfect mat of evergreen. The single white flowers are carried in trusses.

Price of Climbing roses except otherwise price 50 cents each, \$5.00 doz., \$40.00 per 100.

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## RUGOSA ROSES AND THEIR HYBRIDS

**Agnes.** (Saunders, 1922.) Of Canadian origin and will withstand rigorous winter conditions, buds are coppery turning amber yellow, a strong grower. Flowers are fragrant.

**Conrad Ferdinand Meyer.** (Muller, 1900.) A very handsome rugosa, the large flowers are light pink in color and very freely produced, very robust grower.

**Dr. Eckener.** (Berger, 1930.) Salmon pink with golden base.

**Blanc Double de Coubert.** An excellent pure white.

**F. J. Grootendorst.** (Degoe, 1918.) Flowers are bright red and suggestive of the old Crimson Rambler in color, borne very abundantly through the season, makes a fine hedge plant.

**Max Graf.** A trailing variety for covering ground or walls, the light single pink flowers are very freely produced, carries splendid foliage.

**Pink Grootendorst.** (F. J. Grootendorst & Sons, 1923.) Has all of the good qualities of the original Grootendorst but is light pink in color.

**Sarah Van Fleet.** Large buds opening to semi-double, wild rose pink flowers.

**Vanguard.** A new color in Rugosas, orange salmon and gold. Fine as a shrubby plant or as a specimen, 75 cents.

Prices of Rugosa roses except Vanguard, 50 cents each, \$5.00 doz., \$40.00 per 100.

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## ROSE SPECIES

These are very interesting for groups, or individual specimens; fruits in about all cases are attractive following the flowers.

**Rosa Ecae.** Makes a rather low growing shapely bush with yellow flowers, early bloomer.

**Rosa Hugonis.** The earliest of all roses to flower, usually about May 22 near Boston, a strong grower and every branch is smothered with soft yellow



flowers, has been very heavily planted but has a bad knack of dying out wholly or in part during midsummer.

**Rosa Lucida.** Bright pink flowers 2 inches across, followed by shiny red fruits.

**Rosa Moyesii.** Strikingly beautiful species growing taller than Hugonis. The brilliant attractive deep blood red flowers in June are followed by handsome fruits.

**Rosa Multiflora.** Small white flowers on arching canes are followed by striking red fruit.

**Rosa Rouletti.** The smallest of all roses, fine for pot culture or the Rock Garden, small double pink flowers all summer. .50-.75 to \$1.00 each.

**Rosa Setigera.** The "Prairie Rose" carries large bright pink clusters of flowers rather late in the season.

**Rosa Zanthina.** A fine Chinese species, more dependable than Hugonis, blooming a little later.

**Spinosissime Altaica.** (Scotch rose.) Grand old variety, lovely in both flower and fruit.

Prices of Rose Species 75c each, \$8.00 per doz. Collection of 8 varieties for \$5.00.

## MISCELLANEOUS ROSES

**Austrian Copper.** In cultivation since 1596. The single flowers are rich coppery red in color, reverse of petals golden yellow. Quite scarce.

**Blanche Moreau.** A lovely pure white Moss rose.

**Bradwardine.** Clear pink hybrid sweet briar.

**Crested Moss.** Rose colored and beautifully crested.

**Harison's Yellow.** Introduced by Harison over 100 years ago. Carries large semi-double golden yellow flowers in great profusion a fortnight after Hugonis.

**Lady Penzance.** A charming Hybrid Sweet Brier, of a soft coppery tone.

**Lord Penzance.** Another Sweet Brier, color fawn passing to lemon yellow, sometimes toned light pink.

**Skyrocket.** (Kordes 1934.) A striking new evergreen shrubbery rose, carries very large clusters of bloom all summer of a rich red color, makes a fine plant for the shrubbery, a forerunner of a new race. \$1.00 each.

Prices of Miscellaneous Roses except Skyrocket, 75 cents each, \$8.00 per doz.

## STANDARD OR TREE ROSES

Tree roses are steadily growing in favor, they are splendid for planting in the corners of beds or dotting through beds of Hybrid Teas. All of the plants we offer this season are worked on the Oregon brier with perfectly straight and sturdy stems, much superior to the rugosa stems usually seen. Winter protection is best afforded by burying the plants. Wrapping with straw is totally inadequate in New England except for one or two very hardy varieties. Tree Roses are less subject to black spot than dwarfs, as their height permits of a better circulation of air amongst the heads. We can make deliveries just as soon as the frost leaves the ground. It is good practice to wrap a bunch

of sphagnum moss about the budded portion and keep this moist until plants start into active growth. The following varieties can be supplied. As stocks of Standard Roses in America on Oregon Brier stock are quite limited early orders are respectfully solicited.

Mme. Jules Bouche	Etoile de Hollande
Miss Rowena Thom	Frau Karl Druschki
Mrs. E. P. Thom	Los Angeles
President Hoover	Margaret McGredy
Ville de Paris	Mme. Edouard Herriot

We also have limited numbers of a few other varieties. These Standard Roses are not to be confounded with the crooked stemmed stock ordinarily sold on rugosas. Stems are 40-42 inches in height. An inspection of our stock will quickly satisfy anyone as to their quality.

Prices of Standard Roses, \$3.25 each, \$35.00 per doz.

## HARDY LILIUMS

These are one of my leading specialties, and a large proportion of those offered are home grown bulbs. The coming of *Lilium regale* paved the way for a tremendously increased interest in Lilies. Whereas formerly but a limited number of varieties were listed or grown, the demand today is for a very much wider assortment, embracing practically all Lilies which will grow in North America. The bulb rooting varieties like *Candidum* and *Testaceum* should be planted quite shallow, 2-3 inches suffices, while such stem rooters as *regale*, *speciosum*, *auratum*, *Henryi*, *Formosanum*, *Browni*, and others should be covered 8-12 inches. All Lilies should be planted where their feet will be dry in winter, fresh manure must never be used in the soil at planting time, if very old and well decayed it is all right, all lilies love leaf mold and they seem to root with avidity in peat moss, sand is good for all of them and at planting time a cushion should be placed for each bulb to rest on scattering more above them.

*Candidum* can be planted from early August onwards, the majority of other lilies are ready in October but the imported bulbs of *speciosums* and *auratum* with one or two other varieties rarely arrive in America before December 1, sometimes much later, if places where these are to go are mulched to exclude frost they can be planted in either December or January, failing this bulbs should be either kept in dry soil over winter in a cold cellar or potted and planted out in early spring. Bulbs should never be left exposed to sun and air for more than a brief time, scales will soon lose their plumpness, and shrivelled bulbs will never give the same results as plump ones. The idea that Lilies must be planted in either fall or early spring is utterly wrong. During recent winters we have planted out large numbers during December, January, February and March, always with excellent results. Not only may Lilies be planted while they are dormant or nearly so, but they can safely be moved while in active growth. We find that Lilies do not require much winter mulching, in fact the bulk of our own are not mulched at all. A few varieties like *sulphureum*, *japonicum*, *rubellum* and certain Pacific Coast varieties will however be benefited by a covering.

Numerous Lilies do not succeed well if spring planted, for that reason we do not at this season list more than a part of those we grow. A complete list will be found in our fall catalogue issued during August.

Our exhibits of Lilies have received numerous gold and silver medals and other awards in the last few years.

### List of Liliums Suitable for Spring Plantings

**Amabile.** A charming variety growing 18-24 inches high, excellent in the border or Rock Garden. Mid-June bloomer, flowers scarlet spotted black, with some chocolate blotches. 30 cents each, \$3.00 doz.

**Auratum.** (Golden banded lily of Japan.) Massive flowers, each with a distinct gold band, very fragrant. 25-50 cents each, \$2.50-\$5.00 doz.

**Auratum Pictum.** Heavily spotted with rich crimson, striking variety. 75 cents each, \$8.00 doz.

**Auratum Platyphyllum.** The immense flowers of this variety are very lightly spotted and are as much as 12 inches in diameter, the foliage is broader while the petals are overlapping and possess more substance than in the type. 30-50 cents each, \$3.00-\$6.00 doz.

**Auratum Virginale.** This is the purest white of all the auratums, any spots are yellow and not crimson, the same gold band, however, is found. An exquisite variety.

75 cents each, \$8.00 doz.

**Auratum Wittei.** Somewhat similar to virginale but the segments are shorter and broader than in other forms. 75 cents each, \$8.00 doz.

Note: This year all bulbs of the various auratums are offered with roots attached which should do much towards lessening the troubles growers have had with them in the past.

**Creelmanni.** Can best be described as an extra fine form of princeps which is a Regale and Sargentiae hybrid from Canada. Flowering late it is very valuable. Large flowering bulbs.

\$3.00-\$5.00 each

**Concolor.** This charming rock garden lily comes to us from Siberia, it is an early bloomer with rich crimson scarlet flowers facing upwards, rarely exceeds 18 inches in height. Follows tenuifolium in its season of bloom.

30 cents each, \$3.00 doz.

**Candidum.** (Madonna lily.) 50c each, \$5.00 doz.

**Elegans (Thunbergianum).** A dwarf growing and early blooming type, fine for mass effects and bedding, flowers are erect. Choice mixture. 25 cents each, \$2.50 doz.

**Elegans Aureum Nigro-Maculatum.** Apricot with black spots. 25 cents each, \$2.50 doz.

**Elegans Alice Wilson.** Lovely large pale yellow, deeper in center. 50 cents each, \$5.00 doz.

**Elegans Altro-Sanguineum.** Dark red, crimson in center. 25 cents each, \$2.50 doz.

**Elegans Leonard Joerg.** A good apricot variety with dark spots. 30 cents each, \$3.00 doz.

**Elegans Pardinum.** Immense yellow flowers suffused with orange. A grand form.

50 cents each, \$5.00 doz.

**Formosanum (Philippinense Formosanum).** We are now using the European name for this fine lily, as bulbs of this hardy form are from

Formosa and not the Philippines the older name should be dropped. This is the most remarkable lily introduced in late years, its ease of culture with its facility of increase from seeds makes it come within the range of everyone with a garden. Seeds sown early will produce flowering plants easily the same year. Has a wiry stem, long graceful leaves, trumpets are much longer and in the early form rather narrower than those of regale but similar in color, there is a pure white form favored for forcing but outdoors we much prefer the variety with the exterior of the trumpets pleasingly colored. Heavy stem rooter.

**Early Variety.** This starts blooming outdoors as regale finishes, plant 8 inches deep.

**Late Variety.** Blooms from mid-August until late October, grows taller than the early variety.

Price of both forms 30 cents each, \$3.00 doz., \$20.00 per 100.

We recommend the increased planting of the two varieties of *L. Formosanum*, they are hardier than regale and the late variety in vigor, size of bloom, floriferousness and sheer beauty is much superior to that variety.

**Giganteum Himalaicum.** This is the most noble of all lilies and is not to be confounded with the form of *longiflorum* grown by florists and called giganteum. The ideal location for this grand Himalayan lily is in an open glade in the woodland where it can be broken from strong winds. The large bulbs must be planted shallow and a soft mucky soil containing plenty of humus and sand is what they like. Spring planting is best. The large tubular flowers are pure white with a purplish tint near the base and purple midribs, the flowers are very fragrant, the stems under good culture rise 10-12 feet high.

Strong bulbs \$2.00-\$3.00 each

**Hansonii (Hanson's Lily).** One of the six best Lilies for North America. The leaves are carried in whorls and persist quite late. The yellow flowers which are spotted brown are very fragrant. Seems to thrive in either sunshine or shade.

50 cents each, \$5.00 doz., \$40.00 per 100

**Henryi (Henry's Lily).** Sometimes called the "yellow speciosum." The orange yellow, reflexing flowers appear during August. Has very great vigor and sometimes attains the height of 8-10 feet. Extremely dependable.

25-50-75 cents each, \$3.00-\$5.00-\$7.50 doz.

**Japonicum (Krameri).** A beautiful Lily with trumpets of pure peach pink flowers. The stiff stems carry 2-6 flowers each and the flowers are at their best in mid-July. Planted in the open with merely a winter mulch of peat moss this Lily grows and blooms astonishingly well, must have perfect drainage and bulbs need covering 6 inches.

50 cents each, \$5.00 doz.

**Longiflorum. Foliis albo marginalis.** A very striking variety dwarf in habit with large snow white trumpets and variegated foliage, very decorative even when not in bloom, as hardy as any lily if planted 8-10 inches deep.

40 cents each, \$4.00 doz.

**Martagon.** The old purple Martagon lily is of very vigorous habit and often attains a

height of 6 feet or more, carrying up to 30 flowers per stalk, flowers in early June.

Plant 4 inches deep. 30 cents each, \$3.00 doz.

**Martagon Album (White Turks-cap Lily).**

Pure waxy white flowers produced a few days later than those of Martagon.

50-60 cents each, \$5.00-\$7.00 doz.

**Martagon Dalmaticum.** Blackish purple, choice and rare.

\$2.50 each, \$27.50 doz.

**Maximowiczii.** A late August flowering lily, resembles tigrinum a little in habit and flowers but is a late bloomer and rather less vigorous. The recurving red flowers are spotted purplish brown. Cover bulbs 6-8 inches.

40 cents each, \$4.00 doz.

**Pride of Charlotte.** A remarkable hybrid between regale and Sargentiae flowering 2 weeks later than regale and more nearly resembling Sargentiae.

\$2.00-\$3.00 each

**Regale.** Easily the most widely planted and popular Lily in America today. Succeeds under widely different conditions and is hardy, vigorous, floriferous, disease proof and absolutely dependable. The fragrant flowers have a delicate pink suffusion with a sulphury throat, externally the colorings show reddish brown through the white. We have a big stock of this glorious Lily and have this season marked prices down substantially.

.25-.35-.40-.60 cents each

\$2.50, \$3.00, \$4.00 to \$6.00 per doz.

\$20.00, \$30.00, \$40.00 to \$50.00 per 100

**Rubellum.** A dwarf Japanese variety blooming in early June with lovely pink trumpets, rarely exceeds 9-12 inches in height and is admirable in the Rock Garden, being also fine for pot culture.

30 cents each, \$3.00 per doz.

**Shelburne Hybrid.** A very fine and vigorous hybrid between Sargentiae and regale raised in Shelburne, Vermont, resembles a much glorified Sargentiae but is a hardier and huskier grower than that variety.

\$2.00 each, \$22.50 per doz.

**Speciosum Album.** Large reflexing pure white flowers which are in season outdoors from mid-August until October. Also good for pot culture.

35-50 cents each, \$4.00-\$6.00 doz.

\$27.50-\$45.00 per 100

**Speciosum Album Kraetzeri.** A striking pure white form with green bands running down the center of each petal.

50 cents each, \$6.00 per doz.

**Speciosum Magnificum.** The large recurving flowers are rich carmine pink, margined white, a very fine variety.

25-50 cents each, \$3.00-\$5.00 doz.

\$20.00-\$40.00 per 100

**Speciosum Melpomene.** Dark carmine shaded purple, heavily spotted and margined white, an extra richly colored form.

40-50 cents each, \$4.00-\$6.00 doz.

\$30.00-\$40.00 per 100

**Speciosum Rubrum.** Carries both green and dark stems with rose colored flowers of varying shades.

25-50 cents each, \$2.50-\$5.00 doz.

\$20.00-\$40.00 per 100

**Sulphur-Gale.** A fine hybrid between sulphureum and regale, very vigorous and hardy, extends the flowering season for regales. The flowers are in form like sul-



phureum and approximate regale in color.

50 cents each, \$5.00 per doz.

**Sulphureum.** A superb late flowering lily from Upper Burmah which proves perfectly hardy in New England. The immense trumpet shaped flowers are pale yellow within, deepening towards the throat, the outside is tinted brownish red. Is also grand for pot culture. A late blooming variety attaining a height of 5-6 feet.

Good flowering bulbs \$1.00 each, \$10.00 per doz.

Extra large flowering bulbs,

\$1.50 each, \$16.50 per doz.

**Tenuifolium.** Our earliest flowering Lily each year is the Siberian coral Lily, in 1930 the first flowers opened on May 27. A gem for the rock garden. Graceful foliage and brilliant recurving red flowers carried 6-20 on a stem. This Lily, under good conditions grows 3-4 feet high and we have counted 25 flowers to a stalk. Should be in every collection.

Extra large bulbs,

40 cents each, \$4.00 doz., \$30.00 per 100

Strong bulbs,

20 cents each, \$2.00 doz., \$12.00 per 100

**Tenuifolium Golden Gleam.** Usually classed as a hybrid between tenuifolium and martagon album but is more probably a sport, comes true from seeds. Orange yellow in color.

30 cents each, \$3.00 per doz.

**Tigrinum.** The old Tiger lily often seen growing splendidly about abandoned homes and along roadsides, gives a fine touch of color in mid-August, splendid for naturalizing.

20 cents each, \$2.00 doz., \$12.50 per 100

**Tigrinum Flore-Pleno.** A double form which is very pleasing, flowers a little later than the single form, rather less brilliant in color.

30 cents each, \$3.00 per doz.

**Tigrinum Fortunei Giganteum.** Extremely vigorous, growing 6 feet or more in height, sometimes carrying 30—50 flowers per stem, color salmon orange spotted deep purple.

25 cents each, \$3.00 doz., \$20.00 per 100

**Tigrinum Splendens.** An especially fine form with rich deep orange flowers, spotted black. By planting in late spring vigorous stalks may be had in flower as late as September 15.

25 cents each, \$2.50 doz., \$18.00 per 100

**Umbellatum.** Early and very free flowering hybrids, coming in many shades of color in season during June and early July. Fine mixture.

20 cents each, \$2.00 doz., \$12.50 per 100

**Umbellatum Erectum.** Fine form, sturdy habit rich red flowers freely produced.

25 cents each, \$2.50 doz., \$18.00 per 100

**Umbellatum Grandiflorum.** Extremely fine orange red form.

25 cents each, \$2.50 doz., \$18.00 per 100

**Umbellatum Incomparabile.** Splendid dark red form.

25 cents each, \$2.50 doz.

**Umbellatum Orange Brilliant.** Very good deep orange red variety.

35 cents each, \$4.00 doz., \$30.00 per 100

**Umbellatum Splendidum.** The finest of all the highly colored varieties, rich vermilion and orange, very strong grower, carries immense heads of bloom.

50 cents each, \$5.00 doz.

**Willmottiae.** Mrs. Willmott's lily is vigorous and hardy, attaining when established a height of 5-6 feet and carrying up to 30

flowers per stem. The recurving flowers are of a vivid reddish orange color and appear about mid-July. The foliage is graceful and the plant of a very refined appearance.

Extra large bulbs 75 cents each, \$7.50 doz.

Nice flowering bulbs 50 cents each, \$5.00 doz.

The foregoing is by no means a complete list of *Liliums*, many are unsuitable for spring plantings including all of our North American varieties in addition to some of the Asiatic and virtually all European varieties. A complete list of over 100 varieties will be found in our autumn bulb catalogue published in July.

We cordially invite all interested in these bulbous aristocrats to come and look over our beds the coming season, a few blooms open in late May, during June and July numerous varieties will be found flowering, others extend the season through August and September until late October. We will have a good many varieties in pots blooming ahead of the outside dates.

We ship *Liliums* to as distant points as New Zealand and South Africa, and make many shipments to Great Britain, France, Canada, and other countries.

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## LILIUM SEEDS

A great majority of *Liliums* come quite readily from seeds. Some like *regale* and all its hybrids, *Pride of Charlotte*, *Willmottiae*, *Davidi*, *Formosanum*, *Henryi*, *tenuifolium*, *umbellatum*, *candidum* *Salonica* var., *amabile*, *concolor*, *longiflorum*, and *elegans* will usually germinate within a month. On the other hand *auratum*, *speciosum*, *martagon*, *Marhan*, the Backhouse hybrids, *giganteum* *Himalaicum*, and all North American varieties are very slow, some requiring as much as 12 months to germinate, some of these will make a small bulb but no leaves the first season.

Sowing may be done under glass or in the home in winter, and in cold frames or the open about May 1. Rather late fall before sharp frosts is another good time to sow seeds outdoors or in a frame. Started early, *Formosanum* will flower the first season, a number of others will bloom the second season.

Seeds may be sown in either shallow drills or broadcasted, cover not over  $\frac{1}{4}$  inch. For soil a mixture of garden soil, sand and either leaf mold or peat moss answers very well.

Unless otherwise priced seeds are 25 cents per pkt.; 12 vars., for \$2.00; larger pkts. for 50 cents and \$5.00 per doz. We will be happy to make up collections of easy germinating varieties for those wishful for a start in raising Lilies from seed.

## List of Lilium Seeds

Auratum	Marhan
Auratum platyphyllum	" Ellen Willmott
Auratum virginale	Martagon
Amabile	" album
Backhouse hybrids	" Dalmaticum .50
" Sutton Court .50	" cattanae .50
" Brocade .50	Maxwill .50
" Mrs. R. O. Back-	Maximowiczii
house .50	Maritimum
" Sceptre .50	Michiganese
" Mixed .50	Monadelphum Szovitzianum .50
Bulbiferum	Medeoloides
Callosum	Occidentale
Concolor	Pardalinum
Concolor pulchellum	Parvum
Canadense flavum	" luteum
Canadense rubrum	Parryi
Canadense mixed	Philadelphicum
Cernuum	Pride of Charlotte
Candidum (type)	Princeps
Candidum, Salonica var.	Regale
.50	Regale X. Browni
Centifolium .50	Rubellum
Cordifolium	Sargale
Croceum	Shelburne hybrid
Columbianum	Shuksan
Davidi .50	Speciosum melpomene
Davuricum	" rubrum
Elegans mixed	" album
" Leonard Joerg	Sulphur-gale hybrids
" sanguineum	Superbum
Formosanum early variety	Tenuifolium
Price's	" Golden Gleam
Formosanum late variety	Umbellatum mixed
Wilson's	" Incomparabile
Giganteum Himalaicum	" Feu Brilliant
Henryi	" Mahony
Humboldtii	" Sappho
Japonicum	" splendidum
Kelloggi	" grandiflorum
Longiflorum giganteum	Washingtonianum
" Erabu	" rubescens
" Proecox White	Wallichianum .50
Queen .50	Willmottiae

## Special Collection Easily Germinated Liliums

\$2.00

Amabile	Princeps
Concolor	Shelburne hybrid
Formosanum Early var.	Tenuifolium
Formosanum Late var.	Tenuifolium Golden Gleam
Henryi	Umbellatum splendidum
Pride of Charlotte	Willmottiae

# *New Practical Work on Lilies*

## “Lilies and Their Culture in North America”

By WILLIAM N. CRAIG

Covers the Culture of Lilies both in the Garden and Greenhouse, treats over 100 varieties. Profusely illustrated with full page plates. Covers such points as Lilies in History, Classification of Lilies, Geographical Distribution, Suitable Soils, Manures and Fertilizers, Lime and its Effects, the Value of Mulches, Depths to Plant Lilies, Preparation of Soils, Lilies for Special Permanent Purposes, Lilies for Cutting, Insect Pests and Diseases, Propagation, Lilies for Pot Culture and Forcing, Notes on Varieties.

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### **The Lily Year Book For 1936**

Published by the Royal Horticultural Society in England. Contains splendid articles on Liliums. Finely illustrated. 145 pages with index. Of great value to everyone growing Liliums. Have a supply of this splendid Year Book and can mail promptly on receipt of orders. Price \$2.00 per copy.

## RARE, UNUSUAL AND INTERESTING SEEDS

**AQUILEGIA.** Long spurred, Blackmore & Langdons .....25 cents pkt.

**AQUILEGIA.** Long spurred, Mrs. Scott Eliotts. ....25 cents pkt.

**CLEMATIS** tangutica obtusiuscula. (The new Golden Clematis.) Sown now will start flowering in late August, beautiful golden flowers. Has withstood 25 below zero without injury. ....50 cents

**DELPHINIUM.** Blackmore & Langdon's Gold Medal. Easily the World's finest strain.

25-50 cents

**EREMURUS.** Bungei, Robustus, Tubergeni, Shelford, Elwesianus, Elwesianus albus, Himalaicus. All fresh home saved seeds, Each .....25 cents  
Collection of 7 vars. ....\$1.50

**LIATRIS.** Scariosa alba.

Beautiful snow white variety, very scarce.

Award of Merit, Massachusetts Horticultural Society, 1935 .....50 cents

**HERBS.**

Fragrant and interesting collection of 20 easily grown vars. ....\$1.00

10 easily grown vars. ....50 cents

**VIOLA.**

Chantreyland. Far superior to the variety Apricot, richer in color, of better habit and far more floriferous. Will flower in 3 months from seeds which come 95 per cent true to color. Easily the best introduction in Violas for several years. ....50 cents pkt.

## INTERESTING BULBOUS PLANTS FOR SUMMER FLOWERING

**ACIDANTHERA.**

Bicolor. A charming, very fragrant bulbous plant from Abyssinia. White with chocolate markings in the throat.

15 cents each, \$1.50 per doz.

**AMARYLLIS.**

Halli. (Lycoris squamigera.)

This hardy Amaryllis can be planted in spring or fall. It carries spikes of lovely fragrant pink flowers in August or early September. Strong flowering bulbs.

\$1.00 each, \$10.00 doz.

**AMARYLLIS, Large Flowered Hybrids.**

These carry immense flowers in a variety of rich colors.

Large bulbs. 50 cents each, \$5.00 per doz.

Pure white variety. We have a limited stock of flowering sized bulbs of this lovely variety which we offer at \$1.00 and \$1.50 each.

Formosissima. (Sprekelia.) A very interesting and brilliant variety of simple culture.

50 cents each

**BEGONIAS.**

Tuberous rooted. Single or Double in separate colors. Pure white, pink, scarlet, yellow, orange. ....20 cents each, \$2.00 per doz.



**CINNAMON VINE.** (*Dioscorea Batatas*.)

A rapid growing vine with heart shaped leaves and small cinnamon scented flowers .....10 cents each, \$1.00 per doz.

**GALTONIA.** (*Hyacinthus*.)

candicans. Sometimes called the giant summer snowdrop. Bulbous plant carrying very robust spikes, 3-4 feet high, circling which are numerous large snowdrop-like flowers. ....\$1.25 doz., \$10.00 per 100

**HYMENOCALLIS.**

Calathina (also known as Ismene and Pancratium.)

The "Spider Lily" or "Peruvian Daffodil" carries deliciously fragrant spikes of pure white flowers in late June or July. Plant 3 inches deep when warm settled weather has arrived. Lift and store with roots attached and pack in sand or peat moss over winter in a warm cellar.

25 cents each, \$2.50 per doz.

**MONTBRETIA.**

The new Earlham Hybrid Montbretias show a tremendous advance over the old varieties in common culture. Flowers run from 2½-4 inches in diameter, in some cases attaining a height of 3-4 feet, they flower very freely with well branched spikes and all buds open out in water. Plant 4 inches deep in May. Store bulbs in soil or peat moss over winter. The following are outstanding varieties:  
**Apricot Queen.** (New.) Superb rich golden yellow apricot, extra large.

40 cents each, \$4.00 doz.

**Fiery Cross.** An immense fiery orange with large crimson blotch in centre.

40 cents each, \$4.00 per doz.

**Golden West.** A fine deep yellow, with orange shading. ....10 cents each, \$1.00 doz.

**George Davison.** A fine light orange with well branched spike. ....10 cents each, \$1.00 doz.

**His Majesty.** Deep yellow shading to bright scarlet, a grand variety with flowers as much as 4 inches in diameter, has great vigor.

20 cents each, \$2.00 doz.

**King Edmund.** Golden orange with carmine blotched centre. ....10 cents each, \$1.00 doz.

**Lady Hamilton.** A charming large apricot variety with wide band of apricot rose.

10 cents each, \$1.00 doz.

**Lord Nelson.** Orange with red shading, vermilion outside. ....10 cents each, \$1.00 doz.

**Princess Mary.** Pale yellow, lightly tipped red, a fine variety. ....20 cents each, \$2.00 doz.

**Prometheus.** Very rich orange with deeper ring round eye. ....20 cents each, \$2.00 doz.

**Queen of Spain.** Immense pure golden orange flowers, reverse golden apricot.

20 cents each, \$2.00 doz.

**Queen Alexandra.** Pale orange yellow with deeper bars across petals.

20 cents each, \$2.00 doz.

**Star of the East.** Superb spikes of deep golden orange, very handsome. 30 cents each, \$3.00 doz.

**Una.** Rich apricot with carmine blotch.

20 cents each, \$2.00 doz.

**Fine Mixture, All Colors.** ..10 cents each, \$.75 doz.

**TIGRIDIAS**

These very colorful bulbous plants if planted outdoors any time after May 15 in full sunshine will furnish a long succession of their large and striking-

ly beautiful flowers. We had excellent flowers on our plants last season until late October as they bloom for several months. We are glad to be able to offer the following varieties.

**Alba.** Pure white with carmine spotted centre.

**Canariensis.** Pure yellow with red spotting in the centre.

**Carminea.** Light orange scarlet, spotted carmine in the centre.

**Pavonia Speciosa.** Bright scarlet with duller red spots in centre.

**Ruby Queen.** Crimson magenta, centre spotted red.

**Fine Mixture** .....15 cents each, \$1.25 doz.

**Named Varieties** .....20 cents each, \$1.75 doz.

## TUBEROSES

**Double Pearl.**

**Single Everblooming Mexican.**

10 cents each, 75 cents per doz.

Plant tuberoses out about May 15 and onwards, in a warm, sunny, well drained location.

**ZEPHRANTHUS.** (Fairy Lily.)

These interesting bulbous plants are suitable for cultivation in pots, pans, tubs and outdoors, when planted out in warm ground they succeed much the best and their blooming season extends until sharp frost.

**Ajax.** Pure yellow, a rather rare and scarce variety. ....30 cents each, \$3.00 per doz.

**Candida.** Snow white and very lovely, flowering with us outdoors last season until November. ....10 cents each, 75 cents doz.

**Rosea.** Clear rosy pink, the variety more seen than any other.

15 cents each, \$1.50 per doz.

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## HARDY VINES OR CLIMBERS

**ACTINIDIA.**

**arguta.** Splendid Japanese climber, rich, shiny foliage, white flowers, followed by sweet edible fruits. ....\$.75-\$1.00 each

**AKEBIA.**

**quinata.** (Five leaved Akebia.) Green clover like foliage and drooping dark purple flowers. ....\$.50-.75 each

**AMPELOPSIS.**

**quinquefolia.** (Common woodbine or Virginia creeper.) Very vigorous native vine, beautiful foliage in fall. ....50 cents each

**quinquefolia var. engelmanni.** Carries extra strong tendrils which cling very tightly to anything. ....50 cents each

**Veitchi** (Boston ivy.) An immensely popular climber for covering walls, foliage very brilliant in fall. ....50 cents each

**ARISTOLOCHIA.**

**Sipho.** (Dutchman's Pipe.)

(Regret inability to offer any plants of these this season.)

**BIGNONIA.**

**radicans.** (Trumpet-creeper.) Vigorous climber, fine for covering unsightly objects. The flowers are large deep red with orange throat. ....50 cents each

**grandiflora.** Larger and richer colored flowers, a little more tender than radicans, does finely along the coast. ....\$1.50 each

**CELASTRUS. (Bittersweet.)**

- orbiculatus*. Japanese bittersweet. Robust climber for covering walls, fences and banks covered in fall with rich orange fruits. ....\$ .50-\$.75 each
- scandens*. Common bittersweet. Very showy orange fruits which cling to the shoots practically all winter. ....\$ .50-\$.75 each

**CLEMATIS**

We call special attention to the fine list of these we are offering this season. As there have been many failures in growing Clematis a few simple directions as to their culture may not be out of place here, this refers more especially to the large flowered varieties as with the small flowered section failures are comparatively few. Plant where there is not more than 4-5 hours sunshine a day and use either low growing plants or peat moss to help keep roots cool. Excellent drainage is very necessary, clematis like a rich soil but not too heavy, they are all lime lovers so a little sprinkling about them occasionally will be helpful. Well rotted cow manure is an ideal fertilizer and fine bone while slow acting is safe and valuable, spite of contrary opinions occasionally expressed.

Be sure to provide suitable trellises or wire supports for the plants not fastened too close to stone or brick walls. The small flowered section can be headed back hard each spring but the large flowered group simply require old wood which is dead or nearly so removed. Our plants of the large flowered section are all in pots making it possible to plant over a rather long season.

**LARGE FLOWERED SECTION**

- Ascotiensis*. Lovely azure blue. ....\$1.25 each
- Belle of Woking*. Double silvery grey, extra large and fine. ....\$1.25 each
- Duchess of Edinburgh*. Very fine double white. ....\$1.00 each
- Elsa Spath*. Lovely bright blue. ....\$1.50 each
- Henryi*. Large single pure white. ....\$1.00 each
- Jackmanni*. Old and reliable, the first of its class. ....\$1.00 each
- Mme. Edouard Andre*. Bright red. ....\$1.00 each
- Prince Hendrick*. Magnificent ruffled azure blue, I have seen this much used for cutting in the great flower markets of London and Aalsmere, Holland. ....\$2.50 each
- Ramona*. A very popular lavender blue...\$1.00 each

**SMALL FLOWERED SECTION**

- Crispa*. Blue and bell shaped, very pretty. \$1.00 each
- Davidiana*. Included under Herbaceous Perennials. ....
- Montana Rubens*. Pink flowers of medium size, early bloomer. ....\$1.00 each
- Montana Undulata*. Pink with pleasing mauve shading. ....\$1.00 each
- Paniculata*. White fragrant Japanese variety, widely planted. ....\$ .50 each
- Recta*. This white variety is included under Herbaceous Perennials. ....
- Tangutica Obtusiuscula*. Golden yellow flowers in late August and September followed by very attractive seeds, this is our fourth season with this clematis and the most severe cold

has failed to injure it. Comes easily from seeds. A lovely variety. ....\$1.00 each  
**Texensis** (Coccinea.) Interesting urn shaped scarlet variety. ....\$1.00 each  
**EUONYMUS.** (Wintercreeper.)

**Kewensis.** A splendid low growing trailer with small, dark green oval leaves, fine in the rock garden. ....50 cents each, \$4.00 doz.  
**minimus.** Very fine variety, suitable for rock gardens. ....50 cents each  
**radicans.** Splendid, thoroughly hardy evergreen climber. ....\$.50-\$1.00 each  
**radicans vegetus.** Broader leaves than type, equally good as a ground cover, shrub, hedge plant or climber, fruits very abundantly. Succeeds equally well in sunshine or shade. ....25 cents to \$2.00 each

## **HEDERA.**

**helix.** (English Ivy.) Splendid evergreen for walls, succeeds best in partial shade, also fine as ground cover. Very strong plants. ....\$.25-\$1.00 each

**Baltica.** Small leaves, very hardy type, suitable for New England. ....\$.25-\$1.00 each  
**gracilis.** Very fine leaved variety, and admirable climber. ....\$.25-.50 each

**Pittsburgh.** This name has been given to a very branching variety of the common English ivy. ....\$.25-.50 each

We have small stocks of a number of other ivys.

## **HYDRANGEA.**

**petiolaris.** Climbing hydrangea. ....\$1.00 each

## **JASMINUM.**

**nudiflorum.** The hardy yellow jasmine, given a well sheltered position this fine climber is perfectly hardy near Boston, it flowers very freely during January and February. Strong field plants. ....\$.75-\$1.50 each

## **LONICERA.** (Honeysuckle.)

**Japonica Halleana.** Fragrant white to soft yellow flowers all summer. ....50 cents

**Sempervirens.** Bright scarlet trumpets. .50 cents

**Sempervirens Magnifica.** A superior ever-blooming form with long tubular salmon scarlet flowers. ....75 cents

**Tellmanniana.** The new golden giant honeysuckle. Rich golden flowers shaded red. .75 cents

## **LYCIUM.** (Matrimony Vine.)

Pale purple flowers, later attractive orange and red fruits along the branches.

## **POLYGONUM.**

50 cents each

**auberti.** Superb for rambling over trees, strong climber covered with clouds of fleecy like pure white flowers...\$.75-\$1.00 each

## **VITIS.**

**Coignetiae.** Strong growing vine, splendid for covering trees and arbors with a thatch of heavy handsome foliage. Strong plants in pots. ....\$1.00 each

## **WISTERIA.**

**sinensis.** Blue Chinese Wisteria. Splendid climber, grafted plants...\$1.00-\$2.50 each

**sinensis alba.** A pure white form of the above, grafted plants. ....\$1.00-\$2.50 each

We have a number of 7-year-old grafted plants very heavily budded at \$2.50 each. Fine to use as specimen plants.

Strong standard or "tree" Wisterias 48 inch stems \$3.00 each. The stock of these is limited, these are fine in the flower border or in tubs.

We do not offer seedling Wisterias which are sold cheaply but seldom or never flower.

## SOME DESIRABLE DECIDUOUS FLOWERING TREES AND SHRUBS

### AZALEAS

We have pleasure in offering an extra fine selection of these beautiful shrubs.

- arborescens.** (Sweet Azalea.) Fragrant white flowers in July. Extra strong. ....\$1.50-\$2.00 each.
- calendulacea.** (Flame Azalea.) Shades run from yellow to deep orange, flowering in late May and early June. ....\$2.00-\$3.00 each.
- Ghent Hybrids.** Large flowers in a variety of colors, very strong. ....\$3.00 each
- japonica.** (Japanese Azalea.) Large clusters of rich orange flowers. ....\$2.00-\$3.00 each
- Kaempferi.** (Japanese Torch Azalea.) Brilliant red flowers. ....\$1.50-\$3.00 each.
- mucronulatum.** (Mongolian Azalea.) Strong clumps 15-18 inches. ....\$3.00 each
- mollis.** (Chinese Azalea.) Various colors. ....\$2.00-\$3.00 each.

- Miss Louise Hunnewell.** Deep yellow to orange colors ....\$2.00-\$5.00 each
- Poukhanensis.** (Korean Azalea.) ....\$2.50-\$4.00 each.
- Schlippenbachii.** (Royal Azalea.) Lovely pink flowers, extra strong. ....\$2.00-\$3.00 each
- Vaseyi.** (Pinkshell Azalea.) Beautiful pink color, early bloomer. ....\$2.00-\$4.00 each
- Viscosa.** (Swamp Azalea.) White flowers, late bloomer ....\$1.50-\$3.00 each.

The following are evergreen varieties.

- amaena.** Conspicuous small purplish red flowers, abundantly produced very early. ....\$2.00-\$3.00 each
- Indica Alba.** (White Indian Azalea.) Large single white flowers. ....\$3.00-\$4.00 each
- Yodogawa.** Double pinkish lavender flowers, very hardy. ....\$2.50-\$3.00 each

### ARONIA.

- arbutifolia.** White flowers followed by brilliant red fruits. ....75 cents each

### BERBERIS.

- vernae.** Makes a handsome shrub covered with fellow flowers in early summer and followed by salmon fruit and rich autumn foliage. ....75 cents each
- aggregata Pratti,** 2-3 feet. A handsome barberry ....75 cents each

### BUDDLEIA. (Butterflybush.)

- alternifolia.** A fine addition to our summer flowering shrubs, blooms on the old wood. The pretty lilac to lavender racemes are very abundantly produced. ....\$1.50-\$1.00 each
- ile de france.** Fine novelty. Richest and darkest of the genus, glowing claret purple racemes a foot long with tightly packed flowers. ....\$1.50-\$1.75 each
- magnifica.** Vigorous free blooming over a long season, plants are best cut down to the ground each spring, this ensures much finer racemes. ....\$1.50-\$1.75 each
- Lavender Glory.** (Novelty.) The racemes are of a softer and much more pleasing color than *magnifica*, possesses great vigor and flowers from late July until sharp frost. Strong plants in pot.

50 cents each, \$5.00 per doz.



**Hartwegi.** (New.) A fine buddleia now offered for the first time. The flowers on the racemes are much more closely packed than in *magnifica*, *Lavender Glory* and others in commerce, and the color is more on the blue side than in these older varieties. Tests made at the Ohio State University the past summer show that *Hartwegi* and another variety being disseminated this year under the name of "*Fortunei*" are identical. This is easily the best addition to the list of the very useful "summer flowering Lilacs" and would seem to deserve a place in every garden where a long season of bloom and flowers for cutting are desired. ....75 cents each

#### **CALLICARPA.**

**Japanica.** Pink flowered shrub of attractive habit, the flowers are followed by beautiful blue berries. ....75 cents each

#### **CALCYANTHUS.**

**Floridus.** (Sweetshrub or Spicebush.) Fragrant chocolate colored flowers. ...\$.75-\$1.00 each

#### **CARYOPTERIS.** (Blue Spiraea.)

**incana.** Silvery green foliage and clear blue flowers, sometimes called the blue Spiraea, very free flowering. ....50 cents each

**mastacanthus,** pure white, a grand addition to the *Caryopteris* family blooming in the late fall. ....50 cents each

**mastacanthus,** pure pink, a splendid companion to the blue and white varieties of this very desirable late flowering shrub.

**NOTE**—We wish to direct special attention to the two excellent novelties listed above which make a welcome addition to our limited number of fall flowering shrubs.

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## **CERASUS**

### **JAPANESE CHERRIES**

We take much pleasure in offering the subjoined fine set of Japanese cherries. Those who have seen them at the Arnold Arboretum or in Washington during "cherry blossom time" will know something of their great beauty.

**Beni-Higan.** Dwarf single pink cherry, profuse bloomer, 4-5 feet ....\$2.00-\$3.00 each

**Fugenzo.** (J. H. Veitch.) Large late blooming double pink, 4-5 feet. ....\$2.00-\$3.00 each

**Kivanzan.** Double deep pink, very fine variety, 4-5 feet. ....\$2.00-\$3.00 each

**Sieboldi.** Large semi-double pale pink flowers, 3-4 feet. ....\$2.00-\$3.00 each

**Yedoensis.** Large double white flowers, shading to pink, 4-5 feet. ....\$2.00-\$3.00 each

**Subhirtella pendula.** (Japanese weeping cherry). Very early bloomer, flowering before leaves appear, the arching shoots droop almost to the ground. Strong grafted plants on 5-6 feet stems 2 years old.

\$3.00-\$5.00 each

#### **CHIONANTHUS.**

**Virginica.** (Fringe Tree.) Dark foliage and white fringed flowers forming an almost cloud like head. ....\$1.50-\$2.00 each

#### **CLETHRA.** (Sweet pepper bush.)

**alnifolia.** White fragrant flowers in late summer. ....\$.50-\$.75 each

**CORNUS.**

- Florida. (White Dogwood.) A handsome low growing tree. ....\$2.00-\$5.00 each  
 Florida rubra. (Pink flowering Dogwood.)  
 Extra strong. ....\$3.00-\$5.00  
 kousa chinensis. (Kousa Dogwood.) Flowers much later than C. florida, carries a great wealth of pure white flowers...\$2.50-\$5.00 each  
 mas. Bright yellow flowers in very early spring. ....75 cents each

**COTONEASTER.**

- buxifolia. Graceful arching shrub, shiny rich green foliage, red fruits. ....\$1.00 each  
 Dammeri. Prostrate, training habit, rich green foliage, bright red fruits. ....\$1.00 each  
 horizontalis. Makes a splendid shrub, the brilliant fruits are carried all winter. ....75 cents each  
 horizontalis perpusilla. The finest of the family for the rock garden smothered with fruit until late spring. ....\$1.00 each  
 divaricata. Handsome erect variety with brilliant autumn foliage, carry a wealth of scarlet fruits. ....\$1.00 each  
 microphylla. Very suitable for the rock garden, does not grow too robust. Colors up beautifully in autumn. ....\$1.00 each  
 salicifolia floccosa. Handsome variety with evergreen foliage. ....\$1.00 each  
 Plants of all Cotoneasters are either in pots or balled.

**CYDONIA.**

- Japonica. Scarlet Japanese quince. ....\$1.00 each  
 Mawley. Rich blood red flowers, a dwarf grower. ....75 cents each

**CRATAEGUS. (Hawthorn.)**

- oxycantha splendens. Paul's double scarlet thorn. Beautiful tree with double deep rose pink flowers which are produced in great profusion, 5-6 feet. ....\$2.00-\$3.00 each  
 oxycantha. Double white. ....\$2.00-\$3.00 each

**DAPHNE.**

- mezereum. Rosy purple, very fragrant flowers in late winter. Blooms appear well in advance of leaves. Evergreen. Strong plants ....\$1.00-\$2.00 each

**DEUTZIA.**

- Lemoinei. Of upright habit, pure white flowers. ....50-75 cents each  
 scabra, Pride of Rochester. Double white flowers, tinted delicate pink. ....75 cents each  
 scabra rosea. Double pink flowers in July. ....75 cents each

**DIERVILLA. (Weigela.)**

- candida. White weigela. ....50-75 cents each  
 Eva Rathke. Fine hybrid variety, bright crimson. ....50-75 cents each  
 floribunda. Crimson weigela. ....50-75 cents each  
 rosea. Pink weigela. ....50-75 cents each

**ENKIANTHUS.**

- campanulatus. Splendid Japanese shrub, the flowers are bell shaped, yellow and borne in racemose clusters, stained salmon and crimson, carries brilliant autumn foliage. ....\$1.50-\$2.00 each

**ELSCHOLTZIA.**

- Stauntoni. A very desirable fall flowering shrub with lavender pink flowers. 75 cents each

**EXOCHORDA.**

- grandiflora. (Pearlbush.) Racemes of pure white, flowers in May. Order early. ..\$2.00 each

**FORSYTHIA.**

*intermedia spectabilis*. Far the best of the genus, branches are very dense flowered with deep golden flowers. ....50-75 cents each  
*ovata*. Much the earliest bloomer of all the forsythias, a splendid novelty. 18-24 inch plants. ....75 cents each  
*primulinus*. Paler in color than *Spectabilis*, of excellent habit, a fine variety 50-75 cents each

**FOTHERGILLA.**

*major*. A very attractive shrub of pyramidal habit, flowering in late April or early May, dark green somewhat glossy leaves, flowers are white and appear with the leaves. A sterling novelty. Strong 18-24 inch clumps. ....\$1.50-\$2.00 each

**HALESIA. (Silverbells.)**

*tetraptera*. Snowdrop tree. Lovely white bell shaped flowers. Attains the height of a small tree. ....75 cents each

**GORDONIA.**

*Alatamaha*. (Also known as *Franklinia*.) A beautiful late flowering tree hardy in Massachusetts where given a little protection the pure white flowers are 3 inches in diameter and appear in late September or October. A very scarce plant, none being known to exist in a wild state. We have a few strong plants 5-6 feet high at \$5.00 each.

**HAMAMELIA.**

*mollis*. Splendid Novelty. This Chinese Witch-Hazel is a winter bloomer, still very scarce. ....\$1.00-\$1.50 each  
*vernalis*. (Vernal Witch-Hazel.) Very early bloomer. Strong plants 2-3 feet.

75 cents each  
*virginiana*. (Common Witch-Hazel.) 3-4 feet. ....75 cents each

**HIBISCUS. (Althea.) (Rose of Sharon.)**

*Syriacus*. White, pink, and blue varieties. ....50 cents each

**HYDRANGEA.**

*arborescens grandiflora*. Ever blooming  
*hydrangea*. ....50-75 cents each  
*Paniculata grandiflora*. Japanese panicle  
*hydrangea*. ....50-75 cents each

**ILEX.**

*verticillata*. (deciduous holly, black alder.)  
 Stems are packed with brilliant red berries in late fall. ....50-75 cents each

**KERRIA.**

*Japonica*. Orange yellow flowers, has very attractive deep green bark in winter.  
 50 cents each

**KOLKWITZIA.**

*amabilis*. (Beautybush.) A remarkably beautiful flowering shrub introduced by E. H. Wilson from Western China. Extremely hardy, will attain a height of 6-8 feet and as much in diameter. Is a veritable shower of lovely pink tubular shaped flowers in early June. Strong field grown plants. ....75 cents-\$2.00 each

**LABURNUM.**

*vulgare*. Better known as "Golden Chain tree." 4-6 feet. ....\$1.50-\$2.00 each

**LONICERA. (Honeysuckle.)**

*fragrantissima*. Fragrant winter honeysuckle.  
 75 cents each  
*maackii podocarpa*. Strong growing variety, smothered with very handsome fruit after

flowers have passed, carried until October.

\$1.00 each

Morrowi. Morrows honeysuckle. White flowers followed by red fruits, makes a very wide spreading bush. ....50-75 cents each  
 tatarica alba. White upright growing variety, extra vigorous. ....50-75 cents each  
 tatarica rubra. Red flowered form, carries handsome fruits. ....50-75 cents each

## MAGNOLIA.

Glaucia. Fragrant creamy white flowers and handsome foliage, strong plants 4-5 feet

B. & B. ....\$3.00-\$4.00 each

Stellata. The lovely white "Star Magnolia" which makes a fairly high and wide shapely bush, blooms very early. Extra fine heavily budded plants 2-3 feet...\$4.00-\$7.50 each

Soulangiana. Great purplish pink cup shaped flowers in early spring, strong plants 4-5 feet. ....\$3.00-\$5.00 each

## MALUS. (Ornamental Crabapple.)

arnoldiana. Pure white flowers, habit is spreading, a lovely picture when in flower.

Extra strong. 4-5 feet. ....\$1.50 each

floribunda. Makes a wide, shapely and dense habited low tree, attractive both in flower and fruit. ....\$1.50 each

floribunda atrosanguinea. A deep blood red form. ....\$1.50 each

ioensis flore-pleno. (Bechtel Crab.) Large double, delicate pink, and very fragrant flowers, the latest bloomer of the family.

\$1.00-\$2.00 each

sargentii. (Sargents Crab.) Low, spreading variety with pure white flowers followed by red fruit, a very beautiful form. ...\$1.50 each

scheideckeri. Large double pink flowers, profuse bloomer. ....\$1.50 each

spectabilis flore-pleno. Semi-double pink flowers, followed by yellow fruits. ...\$1.50 each

theifera. One of the late E. H. Wilson's great favorites, stiff spreading branches smothered with white or delicate pink flowers, a real gem. Strong plants. ....\$1.50-\$2.00 each

## OXYDENDRUM.

arboretum (Sorrel Tree.) Of moderate height and rather slow growth this is very fine for dotting in shrubberies. The oblong leaves are quite large and rich green turning brilliant red in the fall. In summer the white racemes of flowers are very freely produced, 5-6 feet, \$2.50. 6-8 feet. ....\$4.00 each

## PHILADELPHUS. (Mockorange.)

avalanche. Graceful hybrid of moderate habit. ....75 cents each

coronarius. The well known sweet mockorange. ....75 cents each

grandiflorus. Tall odorless mockorange. ....75 cents each

manteur d'hermine. A splendid hybrid. ....75 cents each

virginal. The finest of all the hybrids, large double white, very fragrant flowers. ....75 cents each

## PRUNUS. (Plum or Almond.)

glandulosa. Double pink flowering almond. ....\$1.00 each

alba. Double white almond. ....\$1.00 each

maritima. The well known beach plum, excellent for seaside plantings but succeeding well inland. ....75 cents each

triloba. Double pink plum. Carries in early spring a great wealth of lovely peach pink flowers. ....\$1.50-\$2.00 each

**RHAMNUS.**

cathartica. Common buckthorn. Fine seaside plant. ....50-75 cents each

**SIMPLOCOS.**

cratogeomys. (Turquoise berry.) Beautiful turquoise blue fruit. Strong plants. \$1.50-\$2.00 each

**SPIRAEA.**

Anthony Waterer. Bright rose carmine flowers all summer. ....50 cents each

arguta. Splendid pure white variety. 50 cents each

prunifolia. Double pure white flower in great abundance. ....50 cents each

Thunbergii. Graceful variety, pure white, very early. ....50 cents each

trichocarpa. This new spiraea is a later bloomer than Van Houttei and a much better variety. Its stems arch gracefully and are smothered with pure white flowers. Strong field grown plants. 75 cents-\$1.00 each

Van Houttei. Although much over-planted this remains the most popular of all the Spiraeas. ....50 cents each

**SYMPHORICARPOS.**

chenaultii. A very fine hybrid raised at the Arnold Arboretum. ....50 cents each

racemosus. (Snowberry.) A popular old shrub. ....50 cents each

**SYRINGA. (Lilac.)**

josikaea. Hungarian lilac. Valuable late blooming variety. ....\$1.00 each

persica. (Persian lilac.) Graceful shrub with arching branches, lilac flowers in May or early June ....75 cents-\$1.00 each

persica alba. (White Persian lilac.) Lovely pure white variety. ....75 cents-\$1.00 each

rothmagenae. (Chinese lilac.) Makes a graceful bush. ....75 cents-\$1.00 each

vulgaris. (Common purple lilac.) Fine for hedges or masses, extra strong plants. 50-75 cents each

vulgaris alba. (Common white lilac.) Just as vigorous and free as the purple variety. 75 cents each

sweninzowii. White, graceful and fragrant, sterling novelty from China, on own roots, extra strong plants, 3-4 feet. ..\$1.00-\$1.50 each

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## CHOICE NAMED HYBRID LILACS

Charles X. Large single lilac panicles.

Congo. Very dark purple.

Hugo Koster. Single, dark reddish purple.

Jan C. Van Toll. Splendid single, pure white.

Jacques Calot. Single delicate rosy pink.

Katherine Havemeyer. Fine double cobalt blue.

Mme. Casimir Perier. Excellent double white.

Mme. Lemoine. Superb double white.

Macrostachya. The finest of all pink lilacs. I am pleased to be able to offer this lovely variety in small plants.

Marie Legeray. Still unsurpassed as a single white.

Michael Buchner. Very good double pale lilac.

Mrs. Edward Harding. Extra large double red.

President Grevy. Fine double blue.

Souvenir de Ludwig Spaeth. Grand single reddish purple.

Prices of Hybrid Lilacs, \$1.00-\$2.00 each, extra strong, \$2.50 each.

#### **TAMARIX.**

*africana*. (African tamarix.) Excellent sea-side plant. ....50 cents each

*gallica*. (French Tamarix.) Specially good for seashore. ....50 cents each

#### **TRIPTERYGIUM.**

*regelii*. This new shrub from Manchuria and Korea carries big feathery plumes of creamy white flowers in July and August, it is a strong grower and absolutely hardy. In addition to its use as a robust shrub it can be effectively trained against a trellis. ....\$1.00-\$1.50 each

#### **VIBURNUM.**

*carlesii*. Fragrant viburnum. A very early flowering and extremely fragrant variety. \$1.00-\$2.50 each

*opulus*. (High bush cranberry.) White flowers followed by bunches of brilliant scarlet cranberry like fruits. ....75 cents each

*opulus sterile*. (Common snowball.) Guelder rose. Large round pure white heads of flower. ....75 cents each

*tomentosum*. A very attractive shrub with wide spreading branches and pure white flowers dotted thickly along them.

75 cents each

*plicatum*. (Japanese snowball.) Large pure white heads of flower in early June.

75 cents each

#### **VITEX.**

*macrophylla*. This little known shrub proves perfectly hardy in Massachusetts and carries erect terminal panicles of bright blue flowers during September and October. It is the latest blooming of all deciduous shrubs. A shrub which when seen in flower everyone wants. Strong plants 2-3 feet.

75 cents each

## **BROAD LEAVED EVERGREENS**

#### **BERBERIS.**

Hardy Evergreen Varieties of merit.

*julianae*. Broad spiny leaves which color up beautifully in fall. 18-24 inches. ....\$1.00 each

*triacanthophora*. Dense habit and small lightly spined leaves, colors up finely in fall and winter. 18-24 inches. ....\$1.00 each

#### **BRUCKENTHALIA.**

*spiculifolia*. A low green evergreen of the heath family producing in summer rosy pink nodding flowers in short racemes abundantly. Fine rockery plant, height 6 inches. ....\$1.00 each

#### **BUXUS. (Boxwood.)**

*Sempervirens* and *Suffruticosa*. We have a splendid stock of these in various sizes both bush and pyramidal in form. Prices vary from 35 cents to \$6.00 each. Inspection invited.

#### **DAPHNE.**

*Cneorum*. (Rose or Fragrant Daphne.) An immensely popular low growing evergreen,



pink very fragrant flowers in May, grow in full sun for best results. We have a splendid stock in several sizes.

50-75 cents-\$1.50-\$2.00-\$2.50 each

**EPIGAEA.**

repens. (Mayflower.) Strong clumps. 50 cents each

**EUONYMUS.**

microphyllus. Very fine leaves, resembling boxwood, makes a neat little bush admirable for the rock garden. Small plants in pots 25 cents each, strong field grown plants. ....\$1.50-\$2.00 each

**ERICA.**

carnea (Spring Heath.) Bright rose, often flowering in late February and March.

darleyensis (Darley Heath.) Early flowering deep rose.

tetralix (Cross leaved heath.) Gray green leaves, pink bell shaped flowers.

vagans (Cornish Heath.) Light green foliage, pale lilac flowers.

vulgaris compacta (Calluna.) Grows 4-6 inches high, moss like growth, flowers pale lavender, foliage deep green.

vulgaris humilis (Low Scotch Heather.) Flowers white, height 4-7 inches, rich green foliage.

vulgaris rubra (Red Scotch Heather.) Spreading growth 6-12 inches high, rosy carmine flowers, foliage reddish purple in fall.

vulgaris (Purple Scotch Heather.) Grows 12-15 inches tall, purple flowers in mid-season.

Prices of the hardy Heaths, 50 cents each, \$5.00 doz.

**HEDERA.**

helix conglomerata. Fine shrubby variety of English ivy, very unique. Excellent for the rock garden. ....\$1.50-\$2.00 each

helix stricta. More upright growing than the preceding, another fine form for the rock garden. ....\$1.50-\$2.00 each

**ILEX.**

crenata convexa. (Japanese Box Holly.) A splendid hardy evergreen, which should become immensely popular, 15-18 inch plants. ....\$2.00-\$2.50 each

glabra. (Ink Berry.) Another very useful evergreen, extra strong plants. ....\$1.50-\$3.00 each

helleri. (New.) A very compact and neat growing variety with small foliage, it is more prostrate in habit than other varieties and is one of the finest evergreen novelties in recent years. Fine specimens in three sizes. ....\$2.00-\$4.00 each

opaca. The evergreen fruiting American holly. Strong plants. ....\$3.00-\$5.00 each

**KALMIA.**

latifolia. (Mountain Laurel.) Fine nursery grown established plants. ....\$1.50-\$4.00 each

**LEIOPHYLLUM.**

huxifolium. The well known sand myrtle, a lovely low growing plant for shady locations, smothered with white flowers in late spring. Beautiful heavy nursery grown specimens. ....\$1.50-\$2.50 each

**LEUCOTHOE.**

Catesboei. (Drooping leucothoe.) ....\$1.50-\$2.00 each

**LONICERA.**

*nitida*. A splendid novelty from Western China, makes a splendid hedge plant, and is virtually evergreen. Much more rapid growing than box. Shapely and handsome and makes an admirable pot plant.

\$0.25-\$0.50-\$1.00 each

**MAHONIA.**

*aquifolium*. Rich shiny foliage, fragrant yellow flowers in late spring.

Strong clumps .....\$1.50-\$2.50 each

**PACHYSANDRA. (Japanese spurge.)**

*terminalis*. Splendid low growing evergreen, makes a complete mat, succeeds finely in heavy shade where grass will not grow. Plants either in pots or from field.

15 cents each, \$1.50 doz., \$10.00 per 100

**PIERIS. (Andromeda.)**

*floribunda*. 15-18 inch spread. ....\$2.00-\$3.00 each

*Japonica*. More upright growing than *floribunda*, very rich glossy foliage which takes on attractive shades while young. The white drooping racemes are very freely produced. ....\$1.00-\$2.50 each

**RHODODENDRONS**

We have a very good selection of these splendid broad leaved evergreens, especially fine are the hybrid varieties which are the best we have had to offer, plants run from 18 to 36 inches in height and are splendidly budded.

*Album Elegans*. Splendid pure white.

*America*. A good, deep clear red.

*Amphion*. Fine clear pink with white eye.

*Boule de Nieve*. Early flowering pure white.

*Catawbiense Alba*. Large snow white trusses.

*Dr. H. J. Dresselhuys*. An excellent deep red variety.

*Everestianum*. Delicate rosy lilac, extra large trusses.

*Ignatius Sargent*. A beautiful light red.

*Kettledrum*. A grand old variety, deep red.

*Lees Dark Purple*. Frilled flowers of a deep dark purple color, striking.

*Mrs. C. S. Sargent*. Deep pink, very compact grower.

*President Lincoln*. Delicate lilac pink, foliage small.

*Roseum Elegans*. Rosy pink, splendid foliage.

Prices of Hybrid Rhododendrons ...\$4.00-\$7.50 each

**NATIVE RHODODENDRONS**

*Carolinianum*. Bright pink flowers in May and June .....\$2.00-\$3.00 each

*Carolinianum Album*. Pure white flowers.

\$2.00-\$3.00 each

*Catawbiense*. Large rosy purple flowers.

\$1.50-\$3.00 each

*Maximum*. Delicate pink flowers in late May and early June. Extra strong.

\$1.50-\$3.00-\$4.00 each

**HARDY CONIFEROUS EVERGREENS**

We carry a good selection of *Taxus*, *Juniperus*, *Chamaecyparis*, *Thuja*, *Tsuga*, *Pinus* and *Picea*. Amongst interesting varieties carried are *Taxus*

media Hicksii, Taxus media Hatfieldi, Chamaecyparis obtusa nana, Chamaecyparis obtusa gracilis and others. Very reasonable prices.

**Taxus Media Hicksii.** We have some splendid pyramids of this fine Taxus 6 feet high at \$7.50 each, these are perfect specimens.

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## FRUIT TREES

We carry in stock a selection of the best varieties of Apples, Pears, Plums, Cherries, Peaches, Crab Apples and Quinces. Varieties and prices on application.

The leading varieties of Grapes including Concord, Brighton, Niagara, Worden, Moores' Early, and others, 50 cents each.

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## BEDDING PLANTS

We carry a selection of the more popular varieties including Blue Salvias, Cannas, Petunias in several varieties, Ageratum, Phlox Drummondii, Asters, Stocks, Zinnias, Marigolds, Calendulas, Antirrhinums, Browallias, Heliotropes, Lantanas, Salpiglossis, Vincas, and other varieties.

**Verbenas.** We carry Mayflower, Beauty of Oxford and Lavender Gem, the three leading varieties. .... \$2.00 doz., \$15.00 per 100

**Heavenly Blue Morning Glories.** True early flowering variety in pots.

25 cents each, \$2.50 per doz.

**Coboea Scandens and Ipomoea Grandiflora.**

(Moonflower.) These two rapid growing climbers. .... 25 cents each, \$2.50 per doz.

**Dahlias.** Dwarf bedding type, do not exceed 18 inches in height, very free bloomers.

20 cents each, \$2.00 per doz.

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## HARDY HERBACEOUS PERENNIALS INCLUDING ROCK PLANTS

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### NOVELTIES

Some excellent Novelties in Hardy Perennials will be found in the following lists. I would call particular attention to the splendid set of new Asters, while there are further additions to both Pompon and Koreanum Chrysanthemums as well as in Japanese Iris, Kniphofias, Phloxes, Alstroemerias, Violas, Anemones, Geums, Hemerocallis and other important families.

Except where otherwise priced all plants are 25 cents each, \$2.50 doz., \$15.00 per 100.

*R.* Denotes plants suitable for the Rock Garden.

#### **ACHILLEA.**

millefolium roseum. (Pink yarrow.) Excellent perennial.

ptarmica Perry's White. Splendid double white, fine for cutting.

Ptarmica. The Pearl. Very popular white form.

Serbica. A lovely silvery leaved and white flowered yarrow from Servia fine rock garden plant. 35 cents each.

tomentosa. Dwarf, just hugging the ground, yellow flowers, 2-3 inches high.

#### ACONITUM. (Monkshood.)

Anthora. A pretty late flowering species with soft yellow flowers. 50 cents each.

autumnale. (Autumn Flowering Monkshood.)

Fischeri. (Azure Monkshood), late bloomer.

napellus. (Summer flowering Aconite.) Deep purple.

napellus bicolor. Bicolored Aconitum. 40 cents each.

napellus, Sparks variety. Grows 5-6 feet high, is well branched and flowers are deep blue.

Wilseni. Fine late variety, tall grower. 50 cents each.

#### ANEMONE. Very lovely, blooms in September and October.

japonica Alice. Large rose pink flowers, very vigorous form.

japonica kriemhilde. Rich double, pink, fine form.

japonica Prince Henry. Double reddish flowers, more dwarf than others.

japonica Queen Charlotte. Large semi-double pink flowers, fine variety.

R. pulsatilla. The well known "Pasque Flower." Violet flowers in very early spring.

R. pulsatilla alba. A lovely pure white form. 40 cents each.

September Charm. An earlier bloomer than Japonica and dwarfer in habit, pleasing pink flowers. 35 cents.

Sylvestris. Fine border species with satiny white sweet scented flowers.

vitifolium tomentosum. An earlier bloomer than Japonica with flowers similar in character and pink in color 18-24 inches high, at its best in late July. 50 cents.

R. Vernalis. This gem from the high Alpine meadows has white to opal blue flowers on short stems, the whole plant covered with russety silk. 35-50 cents.

#### ANTHEMIS.

R. montana. Lovely dwarf species producing snow white flowers.

tinctoria Kelwayi. Large golden yellow flowers freely produced.

tinctoria Perry's variety. Larger and superior flowers to the type.

#### ANTHERICUM.

liliastrum. (St. Brunos Lily.) 30 cents.

#### AQUILEGIA.

R. caerulea. (Rock Mountain Blue Columbine.)

R. canadensis. (Canadian Columbine.) Fine for naturalizing.

chrysantha. (Yellow Long Spurred Columbine.)

chrysantha. Blackmore & Langdon's choice hybrids.

chrysantha. Mrs. Scott Elliott's hybrids.

R. flabellata nana alba. Pretty dwarf variety well adapted for rock gardens. 30 cents each.

#### ARABIS. (Rock Cress.)

R. albida. Single white Rock Cress, flowers very early.

R. albida flore-pleno. Double white, much superior to the single form. 35 cents each, \$4.00 doz.

- R. mollis*. Compact grower, pure white spikes carried well above the foliage.  
*R. muralis rosea*. (Pink rock cress.)  
*rosabella*. A lovely pink variety of compact habit. 35 cents.  
*snow cap*. A very compact form of *alpina*, fine novelty. 35 cents.

**ARENARIA.** (Sandwort.)

- R. caespitosa*. (Mossy Sandwort.) Close mossy like growth, small greenish white flowers.  
*R. montana*. (Mountain Sandwort.) Lovely large pure white flowers.  
*R. repens*. (Creeping Sandwort.) Fine rock plant, very prostrate.

**ARMERIA.**

- R. alpina*. Very dwarf and compact rock garden variety. 30 cents.  
*R. Bee's ruby*. A deeply colored variety, dwarf and fine for rock garden. 50 cents.  
*R. caespitosa*. Bright close pink heads of flowers abundantly produced. 50 cents.  
*R. lauchiana*. Rich rosy red, height 6 inches.  
*R. maritima*. Pale pink, very compact, splendid for edgings.

**ARTEMISIA.**

- R. frigida*. A charming dwarf silvery leaved and fragrant variety for the rock garden.  
*lactiflora*. (Chinese Mugwort.) Creamy white fragrant flowers in late summer, excellent for cutting.  
*Silver King*. Very attractive silvery foliage, a valuable variety.

**ARUNCUS.**

*sylvester*. (Common Goats Beard.)

**ASPHODELUS.**

*luteus*. (Yellow asphodel or Jacobs rod), a fine perennial.

**ASCLEPIAS.**

*tuberosa*. (Butterflyweed.) Brilliant orange flowers, very showy.

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## ASTERS

The hardy asters are rapidly forging ahead in importance and no garden of hardy plants today is at all complete without them, while a few varieties bloom in May and June the great bulk of the family are late summer or fall bloomers. In the past few years there have been some splendid varieties produced abroad, the bulk in England but some on the European continent, very few have been raised in America although European hybridisers had to depend on our native varieties to produce the many hybrids sent to us for many years. The new dwarf asters are indispensable in gardens, they are very compact and floriferous. All varieties are absolutely hardy and spring planting is much the best for all of them. Some striking new varieties are contained in the list following.

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## DWARF ASTERS

### NEW ENGLISH TYPE

This very valuable new type was evolved by a noted gardener who had charge of the war gardens where several hundred thousand British soldiers

- who fell during the world war are buried in France.
- R. NIOBE (New.)** Pure white, very compact habit 12 inches.
- R. CONSTANCE.** Light pink. 12 inches.
- The above three new dwarf asters.
- COUNTESS OF DUDLEY.** Clear pink. Late September. 9 inches.
- LADY HENRY MADDOCKS.** Clear pale pink. 12 inches.
- LILAC TIME.** Of a lovely lilac color, one of the best. 12 inches.
- R. MARJORIE.** Deep apple blossom pink. Late September. 12 inches.
- R. NANCY.** Pale flesh pink. Late September. 12 inches.
- R. RONALD.** Lilac pink in mid-September. 9 inches.
- R. SNOWSPRITE.** Semi-double white in early September. 9 inches.
- R. VICTOR.** Clear lavender blue, early September. 9 inches.
- Price of above dwarf asters, 25 cents each, 9 varieties for \$2.00.

## ASTERS

### LATE FALL FLOWERING SECTION

#### (Michaelmas Daisies)

- Barr's Pink.** Superb pink, robust grower and profuse bloomer.
- Blue Lagoon.** (New.) Beautiful pure blue, 2 inch flowers, splendid habit, height 30 inches, a grand acquisition. 50 cents.
- Charles Wilson.** (New.) The darkest colored aster to date, deeper than Red Rover. Flowers one inch in diameter with yellow centres. Height 3 feet and habit erect. Striking novelty. 50 cents.
- Little Boy Blue.** Very rich blue, large flowers, compact habit, 24 inches.
- Little Pink Lady.** Large rich pink flowers, a fine companion to the preceding. 24 inches.
- Burbanks Charming.** A grand late bloomer, origin unknown, flowers in October and November, height 3-5 feet, improved by pinchings, loose feathery heads of delicate rosy white flowers. 30 cents each, \$3.00 doz.
- Col. F. R. Durham.** Double clear mauve a very fine novelty. Height 42 inches. 50 cents.
- Feltham Blue.** Height 4 feet, pure blue flowers. September bloomer.
- Gayborder Charm.** Of the Novi-Belgii type. In good flower October 1. Height 30 inches. Color deep rose, flowers 1 inch in diameter. A grand variety. 50 cents.
- Hybridus Luteus.** A real yellow hardy aster which we have now been growing for 7 years. The flowers are rather small and carried in dense heads during July and August, from spring cuttings the flowering period is extended into October. A botanist in New York has recently placed this plant in a new genus and named it "ASTERAGO," stating his opinion that it is a hybrid between aster and solidago but as seeds breed true this new name is unlikely to find acceptance.
- King George.** Of the amellus section and not over 18-24 inches tall, extra large bluish violet flowers in August.



- Frikarti.** Splendid variety, extra large blue flowers in August and September, height 2-3 feet, a grand novelty. 50 cents.
- Mount Everest.** (New.) Much the best pure white late flowering aster, height 4-5 feet, branches down to the ground, extra choice. 50 cents.
- Mrs. Davis Evans.** (New.) Of Novi-Belgii type. Height 36 inches. Color lavender blue, flowers 1½ inches across. At its best October 10. A grand variety. 50 cents.
- Ptarmicoides.** (Baby's Breath Aster.) The white flowers which are very small suggest the annual gypsophila. A fine variety for floral work. Height 15-18 inches.
- Pink Progressive.** Height not over 2½ feet, color pink suffused with lavender, clouds of flowers during September.
- Queen Mary.** Large blue flowers tinted lavender loosely arranged on well branched stems, September, height 4 feet.
- Red Rover.** (New.) Color deep rosy red, height 2½-3 feet, very well branched, a very deeply colored variety. September. 35 cents.
- Royal Blue.** Flowers of medium blue, height 4-5 feet, foliage very good at best about September 15.
- Skylands Queen.** We were the first to introduce this grand American raised aster, height 3 feet, well branched, handsome foliage and very large medium blue flowers during September.
- Tataricus.** The tallest and latest flowering of all asters, this species has extra large foliage, very sturdy stems and the heads of medium sized pale blue flowers do not open until mid-October, height 6-8 feet.

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## MISCELLANEOUS ASTERS

- Alpinus.** Large bluish purple flowers in late May.
- Alpinus Albus.** Large pure white form.
- Mauve Cushion.** Silvery mauve, 9 inches high, not in good bloom until late October.
- Himalaicus.** Dwarf, not over 8 inches high, very large purple blue flowers, extra fine. 35 cents.
- Subcaeruleus.** Bluish violet, flowers with alpinus and of same height 12-18 inches.
- Star of Wartburg.** A much glorified form of subcaeruleus, flowers are very large and height rarely exceeds 15 inches, in season in late May. A fine novelty. 50 cents.
- ASTILBE.** (Formerly Spiraea.)
- Elegans,** (New.) Dark rosy pink, splendid variety. 50 cents.
- Gladstone.** Large pure white pyramidal heads. 35 cents.
- Gloria.** Very rich deep pink. 35 cents.
- Granat.** Very rich deep red, tall grower. 35 cents.
- Hyacinth.** Pure lavender pink. 35 cents.
- Kriemhilde.** Feathery spikes of salmon pink. 35 cents.
- Juno.** A fine violet rose. 35 cents.
- Market Glory.** Splendid new red variety, tall spikes. 40 cents.
- Moerheimi.** Extra robust pure white variety. 35 cents.
- Philadelphia.** Clear lavender rose. 35 cents.
- Rose Pearl.** Lovely shell pink. 35 cents.
- Vesta.** Lilac rose of moderate height. 35 cents.

White Plume. Superb pure white, tall and stately. 35 cents.

All varieties of Astilbes priced 35 cents are \$3.50 per doz.

All of these astilbes do especially well in moist ground where they will attain a much greater height and hold their flowers longer than in dry soil.

*R.* **AUBRIETIA** deltoides. (Common Aubrietia.)

*R.* leichtlini. (Leichtlins Aubrietia.)

Lovely mauve to purple flowers.

**BAPTISIA.** (False Indigo.)

australis. Deeply cut foliage and dark blue flowers in June.

**BELEMCANDA.**

sinensis (Blackberry Lily.) Orange and black flowers followed by seeds which closely resemble blackberries.

**BELLIS.** (English Daisy.)

*R.* perennis flore-pleno. Red, pink and pure white.

**BOLTONIA.**

asteroides. (False White Camomile.) Pure White.

latisquama. (Violet Camomile.) Lovely violet flowers.

**CAMPANULA.**

*R.* allioni. Pale violet blue, lovely rock plant.

*R.* Bellardi Miranda. Delightful blue flowers suggestive of pusilla but a much better grower than that variety. 35 cents.

*R.* carpatica caerulea. (Blue Carpathian Bellflower.)

*R.* carpatica alba. (White Carpathian Bellflower.)

*R.* carpatica, Ditton Blue. An especially lovely blue variety.

*R.* carpatica, Dwarf hybrids. These have extra large flowers and attain only half the height of the ordinary carpaticas, flowers also are different in form.

*R.* garganica. Lovely rich blue trailing variety. Superb rock garden plant. 50 cents.

glomerata dahurica. (Danesblood.) Deep violet blue.

lactiflora. Superb pale blue variety, grows 3-4 feet high, flowering in July.

medium, (Canterbury Bell.) Single pink, white, mauve and deep blue. Strong field grown plants.

persicifolia. (Peach leaved Bellflower.) Pretty blue.

persicifolia alba. Fine pure white form.

persicifolia splendida. Superb double white variety. 50 cents each.

persicifolia Telham Beauty. Extra large flowers of a lovely China blue shade.

*R.* Poscharskyana. (New.) A new species from Serbia, long sprays of open lavender blue flowers. 50 cents.

*R.* rotundifolia (Harebell.) Often called the "Blue Bells of Scotland."

*R.* rotundifolia. Giant hybrids. These contain very fine varieties with much larger flowers than the type.

**CASSIA.** (Indian Senna.)

marilandica. Handsome pinnate foliage and striking racemes of yellow flowers in July.

**CENTRANTHUS.** (Jupiter's Beard.)

ruber (Red Valerian or "Pretty Betsy.") Red fragrant flowers.

**CERASTIUM.** (Snow in Summer.)

- R.* *biebersteinei*. Pure white flowers, white cottony foliage.
- R.* *tomentosum*. Grey foliage, pure white flowers, fine rock plant.

**CERATOSTIGMA.** (Hardy Leadwort.)

- R.* *plumbaginoides*. (Formerly *Plumbago larpen-tae*.) Deep blue flowers in late summer, give well drained position and good winter protection.

**CHEIRANTHUS.**

- R.* *allioni*. (Siberian Wallflower.) Rich orange fragrant flowers.

**CHELONE.** (Turtle Head.)

- lyoni*. Pink Turtle Head, especially good in moist ground.

**CHRYSANTHEMUM.**

- maximum*. (Shasta Daisy, Pyrenees *Chrysanthemum*.)

*maximum*, Esther Reed. (New.) The outstanding novelty of the season amongst hardy perennials. The flowers average 3 inches across, are fully double, and freely produced over a long period. Splendid for cutting, prefers a rather light and well drained soil. From pots only this season. \$1.00 each, \$10.00 per doz.

*maximum* Market Favorite. Popular market variety in Europe.

*maximum* The Speaker. Flowers often 6 inches across, very fine.

*maximum* Rentpayer. The finest of all the Shasta daisies.

Burbanks frilled. Finely frilled petals, semi-double, a fine acquisition. 50 cents.

ostrich plume. Larger flowers than the preceding petals, very fine, an excellent variety.

**CHRYSANTHEMUMS****HARDY FALL FLOWERING**

This season we have discarded a number of varieties and are listing much superior new sorts in their stead. These may be successfully planted after May 1, but we do not advise fall planting.

**Amelia.** This is not a new variety but has been sold under several other names. Dwarf in habit the plants are covered with lovely double pink flowers which are produced well in advance of frost.

**Barbara Cumming.** Extra fine early double yellow.

**Cydonia.** (New.) Lovely double orange mahogany. 50 cents.

**Daybreak.** Lovely soft pink, large flowers.

**Crimson Splendor.** Crimson maroon with deep garnet tones, larger flower.

**Early Bronze.** Flowers are not large but are very abundantly produced, comes in bloom early in September and stays in season a long time, much the finest of the early flowering bronzes. Has excellent habit and good foliage.

**Golden Apricot.** (New.) A very large fully double aster formed variety of a lovely golden apricot color. Early October bloomer. 35 cents.

**Granny Scovill.** The flowers are extra large and of a rich bronze color. An October bloomer.

**Jean Cumming.** Fully double pure white of large size and fine form, the finest white.

- Jean Treadway.** A lovely pink with rosy centre, fully double 3 inch blooms in September, a really fine variety.
- Judith Anderson.** A striking new garden pompon. Height 18 inches with a spread of 24-30 inches. An early bloomer coming in season October 5. Remarkably free bloomer, individual flowers are well rounded and 1½ inches across, the color is clear buttercup yellow, a fine introduction for northern gardens.
- Louise Schling.** Here we have an unusual color for Chrysanthemums the graceful single flowers being salmon red. Blooms from October 10 onwards.
- R. Marion Hatton.** Bright canary yellow, very free flowering.
- Ruth Cumming.** Large Reddish bronze, a grand early variety.
- September Queen.** Charming double white with large flower.
- Prices on hardy Chrysanthemums unless otherwise priced, 20 cents each, \$2.00 per doz., \$12.00 per 100.

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## CHRYSANTHEMUM KOREANUM HYBRIDS

The introduction of the Koreanum hybrid Chrysanthemums gave us one of the finest additions in hardy garden plants we have had in recent years. In 1936 we had the first double varieties and these are added to this year. No garden can afford to be without these Koreanum hybrids, several listed here flowered as early as September 15 last season and with an October not too cold all can reasonably be expected to flower.

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## NEW CHRYSANTHEMUM KOREANUM HYBRIDS FOR 1937

- Ember.** A fine combination of coral and orange shades, not too double. Quite frost resistant, in season about Oct. 15, height 30 inches. 75 cents each.
- Fairy.** A single very delicate rose with a white halo, very refined. 75 cents.
- Fireflame.** Single deep red with carmine suffusion. 75 cents each.
- King Midas.** Fully double, in season from late September onwards, frost resistant. Flowers average 4 inches in diameter, and the color is soft yellow with light bronze shadings. 75 cents each.
- Nancy Copeland.** Pleasing single spectrum red. 75 cents each.
- Orange Wonder.** A lovely single deep coppery orange free flowering and vigorous. 75 cents each.
- Sultan.** Single rosy orange-salmon, free dwarf, early blooming and compact. 75 cents each.
- Pink Lustre.** Carries 3½ inch flowers in October, orchid pink in color. 75 cents.
- The Moor.** Double port wine red, in season late September, flowers 3 inches across, height 24 inches. 75 cents.

## EARLIER KOREANUM INTRODUCTIONS

Out of the varieties introduced prior to 1937 the following have proved very satisfactory and can be well recommended.

**Aphrodite.** Single ivory white, tinted pink, height 24 inches, in season after October 5.

**Clio.** Dwarf compact variety, deep carmine rose and duplex flowers.

**Daphne.** A charming pink, shaded violet rose.

**Fortuna.** Ox-blood red, flowers 3-4 inches across, medium height and in season Sept. 15-20.

**Juno.** Coppery red changing to salmon flesh, in season after September 20.

**Hebe.** Lovely soft luminous pink, shaded lavender with age.

**Indian Summer.** Double luminous orange, 3 inch flowers, in season October 15-25, a grand variety.

**Psyche.** Lovely shell pink, the single flowers are 4-5 inches across, flowers in late September.

**Sappho.** Pure yellow, medium size, compact, dwarf and early.

**Romany.** Soft glowing red with bronze tone, 3½ inch flowers, needs two pinchings, in season October 15-25, double flowers.

**Thalia.** This flowers earlier than any other Koreanum hybrid, in 1936 this was in fine flower September 15, the duplex flowers are of a lively orange color.

**Vesta.** Single deep golden orange, medium height and in good bloom by Sept. 20.

**Vulcan.** Reddish carmine shading to bronzy orange, fine habit.

With the exception of Romany and Indian Summer which are fully double varieties all other listed above are singles. All varieties 25 cents each, \$2.50 per doz.

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## MISCELLANEOUS CHRYSANTHEMUMS

**Koreanum.** The original wild variety with white flowers, late bloomer.

**Arcticum.** A charming and very useful pure white variety, more compact than Koreanum and flowering earlier.

**Morifolium.** Medium sized flowers of a pleasing pink color. Protect well in winter.

Each of the above varieties 25 cents each, \$2.50 per doz.

### CIMICIFUGA.

**simplex.** Splendid variety, growing 3-4 feet high, makes a delightful plant. Quite scarce. 60 cents each.

**racemosa.** Fine for the backs of flower borders, tall spikes of twisted feathery white racemes.

### CLEMATIS.

**davidiana.** (Fragrant Blue Clematis.) Pale blue flowers, bell-shaped bright green foliage, some fragrance. 50 cents each, \$5.00 doz.

**recta.** (Shrubbery Clematis.) Attains a height of 3-5 feet. Large heads of pure white fragrant flowers, excellent for cutting. 30 cents each, \$3.00 doz.

### CONVALLARIA. (Lily of the Valley.)

**Fortins Giant.** Extra large bells, far the best variety for outdoor culture. Strong pips, \$1.00 doz., \$2.00 per bundle of 25, \$7.50 per 100.

**COREOPSIS.**

*lanceolata grandiflora*. Golden yellow flowers, continuous bloomer.

*lanceolata grandiflora*. Var. Mayfield Giant. Very large flowered form.

- R. rosea nana*. Lovely edging and rock garden plant, carries a profusion of delicate pink star like flowers from July until frost. 30 cents each.

**COTULA.**

- R. squallida*. Splendid plant for mat coverings, prostrate and a quick grower, flowers yellow.

**CRUCIANELLA.**

- R. stylosa*. (Common Crosswort.) A pretty trailer with lovely pink flowers.

**CYCLAMEN.**

- R. atkinsii*. Rosy red flowers in fall, a real gem, needs some shade. \$1.00 each.
- R. neapolitanum*. A fine species, late summer bloomer, dark green mottled foliage and pink flowers with crimson base. \$1.00 each.

**CYPRIPEDIUM.**

*pubescens*. Yellow ladyslipper.

*parviflorum*. Small yellow ladyslipper.

*spectabile*. Royal ladyslipper.

Each of the above 3 vars. \$.25, \$.50, \$1.00 each in good clumps of flowering size.

**DELPHINIUM. (Larkspur.)**

*belladonna*. Lovely pale blue, delightful with *Lilium candidum*.

*belladonna* var. Cliveden Beauty. Beautiful Cambridge blue, taller than type.

*belladonna* var. Fanny Stormonth. Brilliant light blue, extra fine.

*bellamosum*. Dark blue, hybrid between *formosum* and *belladonna*.

*blue butterfly improved*. Beautiful deep blue Blackmore & Langdon's Gold Medal hybrids.

The finest hybrids in the World. 50 cents each, \$6.00 doz., \$45.00 per 100.

Double pure white, 50 cents.

*hollyhock strain*. (Watkins Samuels.) 50 cents each, \$6.00 doz.

**DIANTHUS.**

*allwoodii*. A hybrid between the greenhouse carnation and hardy spice pink, very hardy, fine range of colors.

- R. allwoodii alpinus*. Very dwarf form, ideal for the rock garden.

- R. alpinus*. Handsome large flowered variety, height 6 inches, flowers rosy purple.

- R. arenarius*. Flowers purplish, very much fringed.

- R. arvensis*. A lovely little variety, forming compact grey rosettes which are studded with pink flowers. 35 cents.

- R. beatrix*. Pleasing salmon pink, a constant bloomer.

*barbatus*. Newport Beauty. Lovely salmon pink variety.

*barbatus*. Scarlet Beauty. Rich salmon scarlet.

- R. deltoides alba*. Pure white, with dark eye, nice tufted habit.

- R. deltoides* Brilliant. Very deep pink, extra fine.

- R. deltoides* Major Sterns variety. Very richly colored variety.

- R. caesius*. Millards variety. Very compact and flowers a better color than the type.



- Fürst Bismarck. Striking double red variety, free bloomer.
- R.* graniticus. Good rock garden species, red flowers, habit of deltoides.
- R.* liboschnitzianus. Very neat rock garden variety.
- plumarius. (Spice Pink.) Finely fringed very fragrant flowers.
- R.* plumarius, Little Jock Hybrids (new). Very compact and much dwarfer than the type. 35 cents.
- R.* royesii. Compact, bright pink alpine variety, very satisfactory. 35 cents.
- sweet wivelsfield. Excellent as either biennial or perennial, comes in fine range of colors, long season of bloom.
- R.* **DAPHNE.** (Rose Daphne.)
- cneorum. A low growing evergreen but often included amongst perennials on account of its great value as a rock or edging plant. Very fragrant pink flowers in May and persists until late fall. Strong plants, \$.50-\$2.50.
- DICENTRA.** (Bleedingheart.)
- R.* eximea formosa (Western bleedingheart.) Perpetual bloomer, fine for rock garden, attractive foliage all summer.
- R.* oregana. (New.) Dwarf and an excellent variety for the rock garden. 50 cents.
- spectabilis. This is the well known and very popular "Bleedingheart." An early bloomer. \$.50-\$.75 each; \$5.00-\$7.50 doz.
- DICTAMNUS.** (Gasplant.)
- fraxinella. Rosy purple, splendid garden plant, resents disturbance, holds green foliage all summer. 50 cents each.
- albus. (White Gasplant.) Equally as vigorous as the type. Strong three year old plants. 50 cents each, \$4.00 doz.
- DIGITALIS.** (Foxglove.)
- ambigua. (Yellow Foxglove.) A fine perennial species.
- purpurea. (Common Foxglove.) Flowers purple, fine for either the garden or naturalizing.
- purpurea alba. Splendid pure white form.
- purpurea gloxinaeflora. Carries large gloxina like flowers.
- purpurea Ivery's spotted. Extra large, heavily spotted flowers.
- DODOCATHEON.** (Shooting Star.)
- R.* media. Light purple flowers on graceful stems.
- DORONICUM.**
- mme. mason. An excellent variety of dwarfer habit than excelsum. 40 cents.
- pardalianches golden bunch. A new and much improved form of pardalianches which is a native of Great Britain. 50 cents.
- plantagineum excelsum. A splendid variety with golden yellow flowers on stalks 2-3 feet high, very early blooming. 40 cents.
- DRABA.**
- R.* aizoon. Yellow flowers very early, splendid rock plant.
- R.* fladnitzensis. Yellow flowers with fine moss like growth. 30 cents.
- R.* olympica. Neat tufts of foliage with sprays of yellow flowers. 30 cents.

**DRACOCEPHALUM.**

*ruyschianum*. Whorls of inch long purple blue flowers.

**ECHINACEA. (Coneflower.)**

*purpurea*. Reddish purple flowers with long drooping rays.

**ECHINOPS. (Globethistle.)**

*ritro*. (Steel Globeflower.) Globular blue heads, neat border plant.

*sphaerocephalus*. (Common Globethistle.)

**EPIMEDIUM.**

*R. alpinum*. (Alpine Epimedium.) Very desirable rock plant. 50 cents each, \$5.00 doz.

*R. album*. Pretty variety with white flowers. 50 cents.

*R. macranthum*. Racemes of white flowers. 50 cents.

**ERIGERON.**

*R. mucronata*. Pretty dwarf species formerly sold as *Vittadenia triloba*. 30 cents.

*speciosus*. Violet rays and yellow disk, free bloomer.

**ERODIUM.**

*R. chamaedryoides roseum*. Round lovely pink geranium like flowers, very dainty. 50 cents.

**ERYNGIUM.**

*amethystinum*. (Amethyst Eringo.) Blue heads of flower, attractive.

**EUPATORIUM.**

*caelestinum*. Light blue Ageratum like heads of flower in late fall.

**EUPHORBIA.**

*myrsinites*. Very attractive silvery foliage, evergreen, heads of soft yellow flowers in early May.

*corollata*. Heads of dainty white flowers.

*polychroma*. Large and very showy yellow bracts in early spring.

**FESTUCA.**

*glauca*. A neat glaucous blue foliaged grass.

**FERNS. Hardy Varieties.**

*R. adiantum pedatum*. American hardy maiden-hair fern.

*R. asplenium platyneuron*. Ebony Spleenwort.

*athyrium felixfemina*. Lady fern.

*camptosorus rhizophyllus*. Walking fern.

*dennstedtia punctilobula*. Hay-scented fern.

*dryopteris marginalis*. Leather wood fern.

*dryopteris spinulosa*. Toothed wood fern.

*osmunda cinnamomea*. Cinnamon fern.

*osmunda claytoniana*. Interrupted fern.

*osmunda regalis*. Royal fern.

*polystichum acrostichoides*. Christmas fern.

*pteritis nodulosa*. Ostrich plume fern.

*woodsia ilvensis*. Rusty Woodsia.

Prices of hardy ferns, well established plants, 20 cents each, \$2.00 per doz., \$15.00 per 100.

**GALEGA. (Goatsrue.)**

*hartlandi*. Dense clusters of pink and white pea like flowers.

*Officialis alba*. Pure white flowers.

**GALIUM.**

*R. verum*. (Yellow bedstraw.)

**GALLARDIA. (Blanket Flower.)**

*barnes ruby*. (New.) Brilliant ruby red, no other color in flower. 50 cents.

*grandiflora*. Harkness choice hybrids, persistent bloomers.

*golden gleam*. Pure golden yellow variety.

*portola* hybrids. These embrace some extremely rich color.

sun god. Large very distinct variety, (new).

50 cents.

torchlight. Gives some unusual colorings.

## GENTIANA.

We have pleasure in offering a nice collection of these fascinating Rock garden plants. No other blue flowers surpass them in their rich hues. By planting a variety it is possible to have gentian flowers from May until sharp frost. In 1936 we had flowers in good condition on October 26. While some varieties will do well in either sunshine or shade the bulk are better in partial shade. Nearly all like a good garden soil rich in humus but with good drainage.

*acaulis clusii*. The finest form of this lovely gentian, we have a fine stock of strong flowering plants. \$1.00 each. Smaller plants 50 cents.

*andrewsi*. Rather a dull dark blue, fine grower. 25 cents.

*freyniana*. Short trails, rich shiny foliage ending in two or three large bells of bright blue. 50 cents.

*hascombensis*. Trailing habit, flowers are of a delightful blue shade. 50 cents.

*lagodechiana*. Decumbent in habit. July bloomer, sapphire blue flowers. 50 cents.

*macaulayi wells'* variety. A magnificent hybrid between *Farreri* and *sino-ornata*, large open trumpets of an ethereal blue shade, late summer bloomer, scarce. \$1.00.

*purdomi*. Very rich oxford blue, July and August bloomer. 50 cents.

*septemfida*. Attains a height of 10-12 inches, clustered heads of rich blue flowers. 50 cents.

*sino-ornata*. A long season bloomer starting in July, makes rapid growth, deep blue. 75 cents.

## GEUM.

*borisii*. Large cordate and hirsute leaves, very large orange scarlet flowers. 35 cents.

*fire opal*. Dazzling rich scarlet suffused with orange. 35 cents.

*golden west*. (New.) Superb rich yellow variety, fine novelty. 50 cents.

*lady stratheden*. Extra fine double golden yellow variety.

*mrs. bradshaw*. The most brilliant scarlet Geum.

*princess juliana*. (New.) Brilliant reddish orange. 50 cents.

*west hills*. (New.) An outstandingly fine variety, still quite rare. Orange yellow. 50 cents.

## GERANIUM.

*grandiflorum*. A long season variety with large blue flowers on 18 inch stems.

*oldhamiana*. Large panicles of pale pink lacy flowers on late summer, fine for cutting. 50 cents.

## GYPSOPHILA.

*paniculata*. (Baby's Breath.) Single white, fine for bouquet work.

*paniculata flore-pleno*. Double pure white, excellent for cutting. 35 cents each, \$3.00 doz.

*paniculata Bristol Fairy*. A lovely new improved double white form, superb for cut-

ting, a grand novelty. 50 cents each, \$5.00 doz.

- R.* repens. Fine white creeping variety for the rock garden.  
*R.* repens Bodgeri. (New.) A double flowering gypsophila blooming a fortnight earlier than any other double variety, a fine garden plant and for cutting. 50 cents.  
*R.* rosy veil. (New.) Same height as Bodgeri, double delicate pink flowers. 50 cents.

#### HELENIUM. (Sneezeweed.)

- autumnale superbum. Robust growing perennial, blooming in late summer.  
 autumnale Riverton Gem. Yellow changing to red, late fall bloomer, very desirable.  
 autumnale Riverton Beauty. Rich lemon yellow with purple black cone center.  
 autumnale rubrum. Striking reddish brown variety.  
 autumnale pumilum magnificum. Dwarf habit growing only 2-2½ feet.  
 moerheimi beauty. (New.) Rich crimson flowers 3 inches across, far the best of the colored Heleniums. 50 cents.

#### HELLEBORUS. (Christmas Rose.)

- niger altifolius (maximus.) The finest form of the white Christmas rose, winter bloomer. \$1.00 each. Some extra strong clumps \$2.00 and \$2.50.  
 niger praecox. More prostrate foliage than altifolius and blooms a little later. \$1.00 each.  
 orientalis. (Lenten rose.) A vigorous grower, blooms later than niger, pink to purplish flowers. \$1.00 each.  
 orientalis. Hybrids in separate colors. \$1.50-\$2.00 each.  
 viridis. Upright growing with woody stems, handsome evergreen foliage, blooms in winter with wide spreading heads of green flowers. \$1.00.

The Hellebores like a soil rich in humus, resent disturbance, require shade and are benefited by water and dry periods.

#### HELLIANTHEMUM. (Rock Rose.)

- ben nevis. A fine large yellow with crimson central ring. 35 cents.

- R.* croceum. Fine yellow variety.  
*R.* macranthus. Creamy white.  
*R.* mrs. earl. Excellent double red.  
*R.* mutabilis. Lovely flesh pink.  
*R.* rhodanthe. Rich carmine.  
*R.* salmon pink.

The rock roses are delightful rock plants, and give a great wealth of their richly colored flowers.

#### HELIANTHUS. (Hardy Sunflower.)

- rigidus var. Miss Mellish. Excellent variety with large single yellow flowers.  
 orgyalis. (Willow leaved Sunflower.) Very tall, excellent for the back of wide borders, or dotted in open spaces amongst shrubs.

#### HEMEROCALLIS. (Day Lily.)

- aurantiaca major. Extra large double orange flowers.  
 citrina. Pretty citron yellow.  
 dr. regel. Another lovely hybrid. Rich citron yellow.  
 dumortieri. Rather dwarf, 18 inches in height, rich cadmium yellow.  
 flava. Very fragrant rich lemon flowers in early June.

gold dust. Charming golden yellow hybrid.  
 gracilis. Graceful almost grassy like foliage,  
 a gem.  
 kwanso flore-pleno. Very fine double orange,  
 robust grower.  
 luteola. Bright golden yellow, shaded Indian  
 yellow.  
 middendorffii. Bell shaped, rich chrome yellow  
 flowers, very early.  
 orange man. Rich orange.  
 ochroleuca. Very large golden yellow. 50  
 cents  
 thunbergii. Rich buttercup yellow, a late  
 bloomer.

### HEMEROCALLIS.

New Hybrids. These carry extra large flow-  
 ers in varying colors, have extreme vigor  
 and carry the flowering season right  
 through the summer. The following are  
 some of the best varieties:

anna betscher. Deep orange tinged with red-  
 dish bronze.  
 bay state. Extra large deep yellow flowers.  
 cressida. Deep orange, reddish band on petals.  
 d. d. wyman. A grand golden yellow, tawny  
 splashes on petals.  
 george yeld. Splendid English hybrid, extra  
 large, outer petals rich orange, inner petals  
 flushed orange bronze.  
 golden bell. Large fragrant soft apricot or-  
 ange flowers.  
 golden dream. Deep golden yellow, late  
 bloomer.  
 goldeni. Very fine deep orange.  
 harvest moon. Rich orange, a very graceful  
 variety.  
 iris perry. Deep bronzy orange, an early  
 bloomer.  
 j. a. crawford. A beautiful rich apricot yel-  
 low.  
 james r. mann. Very large open flower, apricot  
 and yellow.  
 latest. A very late yellow, blooms until Sep-  
 tember.  
 lemona. Extremely graceful pale lemon yel-  
 low.  
 may queen. Golden yellow, extra fine.  
 mrs. a. h. austin. An extra fine popular deep  
 yellow.  
 mrs. w. h. wyman. A superb light yellow  
 of great vigor and a long season bloomer.  
 the gem. Of moderate height with deep yel-  
 low flowers.

Additional to the above named varieties we  
 have several fine seedlings under number.  
 We consider the new hybrid Hemerocallis  
 one of the most outstanding plants for the  
 hardy garden, they are very hardy, free  
 from disease and bloom over a long season.  
 Prices of hybrid Hemerocallis, \$1.00 each,  
 \$10.00 per doz., 12 distinct vars. for \$10.00.  
 hyperion. (New.) Outstanding amongst the  
 hybrid Hemerocallis in this grand variety,  
 very vigorous with immense yellow flowers.  
 Stock limited. \$2.50 each.

mikado. One of the most striking of the new  
 Hemerocallis. \$2.00 each.

### HEPATICA.

- R. acutiloba. (Sharp leaved Hepatica.) Pretty  
 early spring flower.  
 R. triloba. (Roundleaf Hepatica.) Lovely pale  
 blue flowers, need shade.

**HEUCHERA.** (Alumroot.)

- R.* brizoides. (Pinkbells.) Graceful spikes of pink flowers.  
 la perle. Deep red variety, very free.
- R.* micrantha. Compact and charming dwarf alpine variety.
- R.* rosamundi. Lovely coral pink variety.
- R.* splendens. Extra bright and free flowering variety.
- R.* sanguinea. Free flowering, coral red flowers.
- R.* sanguinea Petworth. The finest of the sanguinea varieties. The color is an outstanding coral scarlet.
- R.* sanguinea Pluie de Feu. Fiery red flowers, extra fine.

**HOSTA.** (Formerly Funkia.) (Plantainlily.)

- caerulea. Blue Plantainlily.
- lancifolia albo-marginata. Silvery edged foliage.
- ovata. Pale blue flowers.
- sieboldi. Large handsome leaves of a decidedly blue color. 50 cents.
- subcordata grandiflora. Giant white plantainlily. 40 cents each.

**HYPERICUM.**

- R.* fragilis. Charming rock plant, flowers yellow. 50 cents.
- R.* repens. Heath like prostrate growth, yellow flowers. 35 cents.

**HORMINUM.**

- R.* pyrenaicum. Interesting dwarf rock plant with violet blue flowers. 35 cents.

**INCARVILLEA.**

- delavayi. Large handsome gloxinia like flowers of a rich rosy purple color. Needs good drainage. 35 cents.

**IBERIS.** (Hardy Candytuft.)

- R.* gibraltarica. Very pretty lavender colored variety.
- R.* sempervirens. Pure white, evergreen.
- R.* sempervirens. Little Gem. Very dwarf compact little variety.

**IRIS, DWARF SECTION.**

- R.* cristata. (Crested dwarf Iris.) Charming native variety, richly marked pale lilac flowers, splendid rock plant.
- cristata alba. Pure white flowers. 50 cents.
- pumila Blue Bird. Rich blue.
- R.* pumila var. Charmer. Pretty lavender variety.
- R.* pumila var. Orange Queen. Attractive orange yellow variety.
- R.* pumila var. alba. White form of same habit and free flowering.
- R.* pumila var. Schneecuppe. Considered the finest pure white form.
- R.* pumila jean siret. New fall flowering Iris. Dainty flowers of clear canary yellow with slight violet coloring. Booms in September as well as in spring. 35 cents each.
- R.* pumila souv. de lieut. xavier de chavagnac. (New.) The name is rather awe inspiring but the flowers of this Iris are violet with deeper purple shading in the falls, also a fall bloomer. 35 cents.

**IRIS, BEARDED SECTION.** ("German Iris.")

- alcazar. Bluish violet, falls deep purple, 36-48 inches.
- afterglow. Buff grey shading to rich yellow in centre, 36 inches.
- archeveque. Rich purple violet, falls velvety purple, 24 inches.



- ballerone. Gigantic light blue variety. Fragrant. Quite late.
- blue boy. Standards and falls rich purple, beard blue, 18 inches.
- b. y. morrison. Strikingly handsome, to the forefront at all exhibitions.
- celeste. Pure celestial blue. 24 inches.
- dusky maid. Pale Buff, falls deep mauve purple, 30 inches.
- florentina. Creamy white with lavender flush, early, 28 inches.
- gold imperial. The finest golden yellow iris in commerce. 30 cents each.
- iris king. Lemon yellow, falls rich maroon edged yellow, 28 inches.
- her majesty. Lovely rose pink, falls crimson with darker tinge.
- lent a. williamson. Campanula violet, falls rich royal purple, beard yellow, superb variety.
- lord of june. Lavender, blue standards, falls rich violet, very vigorous, grand variety.
- mme. chereau. White charmingly frilled clear blue, 32 inches.
- mother of pearl. Lustrous pale blue lavender, lovely, 48 inches.
- pallida dalmatica. Beautiful lavender, very robust, 42 inches.
- pallida dalmatica foliis variegata. (New.) Interesting on account of its striking creamy yellow variegated leaves, flowers blue. 50 cents each.
- pallida speciosa. Darker than foregoing, 42 inches.
- princess beatrice. Delicate lavender of silky texture, 48 inches.
- prospero. Enormous lavender, velvety red, violet falls, 48 inches.
- quaker lady. Tawny lavender, falls ageratum blue, 42 inches.
- queen caterina. Pale lavender violet, beard yellow, 30 inches.
- queen of may. Beautiful soft rosy pink, 32 inches.
- rhein nixe. Pure white, falls deep blue edged white, 36 inches.
- shekinah. Clear soft yellow, extra choice. 30 cents each.
- souvenir de mme. gaudichau. Deep aniline blue, falls rich purple violet, grand variety. 30 cents each.
- susan bliss. Beautiful orchid pink toned flowers. Exquisite variety. 30 cents each.
- All Bearded Iris except otherwise priced, 25 cents each, \$2.00 doz.

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## JAPANESE IRIS

### COLLECTION OF SUPERB NEW VARIETIES

We have pleasure in offering the following set of outstandingly beautiful new varieties of Japanese Iris which are much superior to any varieties now in commerce. Prices are for strong plants which will flower the first season.

**anna case mackay.** Double, very early. Ground color white suffused towards edges of petals with bright crimson. Very unusual and striking. 75 cents each.

- annie burr jennings.** Double. A most beautiful deep self pink, has been greatly admired. 75 cents.
- mrs. m. m. van beuren.** Double. Satiny, deep self colored royal purple, very prominent standard \$1.00 each.
- mrs. hamilton fish webster.** Double. Ground color white overlaid towards the centre with deep purple, lightening towards edges of petals, entire flower is veined purple. 75 cents each.
- george k. morrow.** Double. Purest white with slight yellow markings in centre. Surpasses any other white now on the market. 75 cents each.
- pinnacle.** Double. Very deep mahogany self color, light yellow markings in centre. \$1.00 each.
- anne corning.** Double. A very beautiful soft pink, light yellow markings in centre. \$1.00 each.
- mrs. harold brown.** Single. White slowly suffusing towards the edges of the petals from a light to a deep pink. Very unusual and lovely. \$1.00 each.

### Japanese Iris General List

- affection.** Pure white, 6 petals.
- blue bird.** Large 3 petalled deep blue.
- blue danube.** Deep indigo blue, yellow centre, 6 petals.
- eclipse.** Deep purple, overlaid with red, 6 petals.
- blue flag.** Lovely blue, 6 petals.
- gold bound.** Far the most popular of all pure white 6 petalled varieties.
- lavender giant.** Beautiful rich lavender.
- pink beauty.** The nearest to pink we have seen in this section, a very lovely 6 petalled variety.
- reine de bulgarie.** Fine 3 petalled medium blue.
- uchiu.** A very beautiful 6 petalled soft blue with golden throat.
- venus.** Extra large 3 petalled pure white.
- zama forest.** Striking 3 petalled light blue.
- Prices of Japanese iris, strong plants, 50 cents each, \$4.00 per doz.
- Fine mixed varieties both 3 and 6 petalled, 25 cents each, \$2.50 per doz.

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### IRIS INTERREGNA

Interesting hybrids the result of crossing *I. Germanica* with *I. pumila*. They bloom well in advance of the German iris attaining a height of 18 inches.

**fritjof**

Standards light lavender blue, falls satiny violet.

**helge**

Standards creamy yellow, deeper falls veined yellow.

**spectabilis**

Rich very free flowering violet purple.

Prices of Interregna Iris 30 cents each, \$3.00 per doz.

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### IRIS, MISCELLANEOUS VARIETIES

**chrysographes**

Flowers of this striking variety are of a richer shade of velvety violet purple than any other species, height 24 inches. 50 cents.

**dichotoma.** (Vesper Iris.) An August bloomer, flowers do not open until mid-afternoon, color medium blue. 35 cents.

*gracilipes*. A very dainty Japanese variety, cushions of soft green foliage from which rose slender spikes of lilac blue flowers with golden crest. 50 cents.

*innominata*. A lovely species from the mountains of southern Oregon, slender grass like foliage with flowers of golden yellow on 6-8 inch stems. 75 cents.

*innominata*, veined form. The veining of the flowers make this quite distinct from the type, a rare and charming variety. 75 cents.

*laevigata*. Very vigorous growing 5-6 feet high and carrying a great profusion of large flowers varying from reddish purple to pure purple in color. 25 cents.

*minutae*. A wee species of great rarity from Japan. The dainty little flowers are yellow marked brown, on short stems, quite rare. \$1.00 each.

*siberica*. Blue, a lusty grower, good in either dry or moist land.

*siberica* emperor. Large clear blue flowers on stout stems, grand variety.

*siberica* snow queen. Lovely pure white flowers.

*siberica* perry's blue. Magnificent large clear blue flowers.

*pseudacorus*. The popular yellow water iris, fine for swamps or the margins of streams and ponds.

*tenax*. An Oregon variety with large lavender blue flowers on 10 inch stems. 35 cents.

*R. reticulata*. Bulbous variety. \$1.50 doz.

*R. reticulata*. Cantab. Bulbous variety. 50 cents.

*R. tectorum*. Lovely rock garden variety from Japan. The roof iris of Japan, crested blue flowers in June.

*tetorum album*. A pure white fern of the above. 50 cents.

#### KNIPHOFIA. (Syn. Tritoma.)

Lily.)

*pfitzeri*. Rich orange red, erect spikes produced all summer.

*mount etna*. (New.) Robust spikes of rich glowing red flowers, vigorous and blooms from July until October. 50 cents.

*tower of gold*. (New.) Rich golden yellow, a grand addition. 50 cents.

#### LAVANDULA. (Lavender.)

*officinalis vera*. The true delightfully fragrant lavender. 30-50 cents each.

#### LIATRIS. (Kansas Gayfeather.)

*pycnostachya*. Robust spikes of showy rosy purple flowers in August.

*scariosa alba*. Charming pure white variety, splendid border plant. 75 cents.

*scariosa magnifica*. Tall violet purple spikes in late summer.

#### LEWISIA.

*R. columbianum*. Handsome rosettes of fleshy leaves, graceful sprays of waxy pale pink flowers. 50 cents.

*R. columbianum roseum*. A much deeper colored form. 50 cents.

*R. cotyledon*. Large beautiful light orange flowers with pink veining. 50 cents.

*R. finchii*. Broad fleshy green prostrate leaves, heads of lovely soft pink flowers. 50 cents.

*tweedyi*. The largest flowered of all the Lewisias, the waxy apricot flowers are 2-3 inches across. Plant horizontally so that water will not lie on the crown. 75 cents each.

Give the *Lewisia*s a warm, sunny and well drained position in the rock garden, they like a quite gritty soil and are early bloomers.

**LINUM.** (Flax.)

- R.* *narbonense*. (*Narbone flex.*) Lovely shade of blue.
- R.* *flavum*. Golden flax.
- R.* *perenne*. Very pretty pale blue flowers, persistent bloomer.

**LATHYRUS.**

*latifolius*. (Perennial pea.) Splendid climbing plants.  
*latifolius albus*. (White perennial pea.)  
*latifolius*. Pink Pearl. (Pink perennial pea.)

**LEONTOPODIUM.**

- R.* *alpinum*. (Swiss Edelweiss.) A very interesting rock garden plant. 35 cents.

**LIMONIUM.** (Statice.) (Sea Lavender.)

*latifolium*. Small purplish blue flowers, produced in cloud like heads in August, may be dried for winter use.

- R.* *dumosa*. Valuable new dwarf variety with silvery grey flowers, fine for the rock garden.

**LITHOSPERMUM.**

- R.* *prostratum* "Heavenly Blue." A glorious low growing rock plant of an exquisite blue color. Requires good drainage and full sunshine. 75 cents each, \$9.00 doz.

**LOBELIA.**

*cardinalis*. (Cardinal Flower.) Brilliant scarlet.

**LUPINUS.** (Lupine.)

*polyphyllus caerulea*. Deep blue.  
*polyphyllus alba*. Pure white.  
*polyphyllus roseus*. Lovely pink.  
*polyphyllus* Pink Beauty. Delightful shade of pink.  
*polyphyllus* Downers Choice Hybrids, many unusual shades.  
*polyphyllus* Harkness Sunshine. Fine range of colors.

**LYCHNIS.** (Campion.)

- R.* *alpina*. The Arctic campion is very dwarf, carries rich rosy purple flowers and is fine for the rock garden.
- R.* *arkwrightii*. Hybrid with very large attractive flowers, varying from white to intense crimson, mostly brilliant colors.
- viscaria splendens*. Rich rosy pink. Flowers lightly tipped crimson, fine rock plant.

**LOTUS.**

- R.* *corniculatus flore-pleno*. Double yellow pea shaped flowers tipped crimson, splendid rock plant.

**LYSIMACHIA.**

*clethroides*. (*Clethra loosestrife*.) Long recurving tail like racemes of pure white flowers.

- R.* *nummularia*. (Moneywort.) Fine plant for covering bare ground, especially good in shade.

**LYTHRUM.** (Loosestrife.)

*roseum superbum*. Attractive pink spikes, fine for the shores of ponds and streams.

**MALVA.** (Mallow.)

*moschata alba*. (White Mallow.) An excellent border plant.

**MAZUS.**

- R.* *rugosus reptans*. Strikingly large blue flowers on close tufted plants, prefers moist ground, flowers over a long season.

**MENTHA.**

R.    requienii. Minute prostrate creeping habit, makes a wonderful carpet. Peppermint scented.

**MERTENSIA. (Bluebells.)**

R.    virginica. (Virginia bluebells.) Lovely pale blue flowers, glaucous foliage.

**MICROMERIA**

rupestris. Dense low growing perennial of heath like appearance with white flowers carried over a long season, scented foliage.

**MONARDA. (Beebalm, Oswego Tea.)**

didyma. Crimson scarlet flowers, fragrant foliage.

**MISCANTHUS. (Eulalia.)**

gracillima univittata. (Japan rush.) Graceful narrow foliage, green with silvery midrib. Fine ornamental grass.

japonica. Long narrow, graceful green foliage, attractive plumes when in flower, 6-7 feet high.

Prices of Miscanthus 40 cents each, \$4.00 per doz.

**MYOSOTIS. (Forget-me-not.)**

R.    alpestris Victoria. Bright blue, very compact habit.

R.    palustris semperflorens. Bright blue, constant bloomer in moist ground.

R.    sylvatica. Of spreading habit, bright blue.

**NEPETA.**

R.    mussini. (Lipwort.) Clouds of attractive blue flowers all summer, fine for edgings or the rock garden.

R.    nervosa. Grows somewhat taller than mus-  
sini and with deeper blue flowers.

souv. d'andre chaudron. An excellent and floriferous variety.

**NIEREMBERGIA.**

R.    rivularis. Makes a perfect mat like growth above which rise large snow white cam-  
panula like flowers in great numbers, it has a prolonged flowering season starting in late July, one of the best rock plants we have.

**OENOTHERA. (Evening primrose.)**

fruticosa major. Deep yellow flowers, neat bushy habit.

fruticosa Youngi. Large golden yellow flow-  
ers.

missouriansis. Extra large flowers, very strik-  
ing.

**PEONIA. (Peony.)**

Quite a number of varieties of outstanding ex-  
cellence will be found added to the very modest list  
carried in former years.

Each

albatre. (Avalanche.) Milk white cen-  
tre, petals tinged lilac, fine constitu-  
tion .....\$ .75

alsace loraine. Pure white lily like  
flowers, with golden sheen from  
stamens ..... 1.50

asa gray. Pure white petals thickly  
dotted with carmine. .... 1.50

aurore. Creamy white petals loosely  
placed, the golden stamens give it a  
great charm ..... 1.50

august dessert. Bright rose pink with  
silvery edge, very broad petals, a  
centre and ring of golden stamens  
making it very pleasing ..... 2.00

	Each
baroness schroeder. Late white or rose type, there are shadings of flesh which make it a very lovely flower .....	.50
boule de niege. A veritable ball of snow, beautiful variety .....	.50
cherry hill. Very early flowering deep red, very vigorous .....	2.00
chestine gowdy. Shell pink with cream colored ring .....	1.00
couronne d'or. White, centre petals tipped with carmine, golden stamens showing through the petals give it a golden suffusion .....	.50
dorchester (Richardson's). Delicate pink of fine size, late and a dwarf grower..	.75
duchess de nemours. Guard petals white, centre pale yellow fading to white .....	.50
duke of wellington. Large sulphury white .....	.50
eugene verdier. Pale hydrangea pink, late, very large flowers .....	1.00
festiva maxima. Immense white with crimson markings in centre, very popular .....	.50
francois ortegat. Purplish crimson with brilliant golden anthers, very early ...	.50
golden harvest. Guard petals rose, centre creamy white .....	.75
georgiana shayler. Very large flat flower, pale rose pink, flecked crimson, splendid variety .....	1.50
james kelway. Lovely white with golden glow at base of petals .....	1.50
karl rosenfeld. Brilliant crimson, fine form and substance .....	1.50
kelway's glorious. A superb peony, buds are pink opening to an iridescent white, fragrant and moderately late ..	4.00
lady alexander duff. Another glorious Kelway production, the broad petals are of a soft blush pink, very vigorous	1.50
la fee. A beautiful Lemoine variety, globular flowers of rose pink with a silvery light, fragrant and early .....	3.00
le cygne. Immense charming milk white flowers which incurve, this is by many classed as the most beautiful and perfect variety in commerce .....	2.00
mme. crousse. Pure white with crimson markings .....	.50
mme. emile lemoine. Very large full, soft, flesh-white flowers, tall grower ..	1.00
mme. de verneville. Large white with	
mary woodbury shaylor. Guard petals flesh pink, centre creamy yellow with golden lights .....	2.00
marie jacquin. Pure white petals with golden stamens giving a water lily like effect .....	2.00
mme. leon calot. Large flesh pink, a husky grower .....	1.50
mary brand. Very brilliant deep red flowers, medium height .....	1.50
milton hill. A beautiful Richardson variety, delicate flesh with pale salmon pink tints, globe form and incurving petals .....	2.00
monsieur dupont. Ivory white with crimson markings, extra large flower .....	1.00
john richardson. Very late variety,	



large flat flowers, centre deep pink fading lighter .....	1.00
officinalis rosea. A very pretty double pink form .....	.75
officinalis rubra. The old and very popular early crimson form .....	.75
queen victoria. White, tinged pink with crimson spots .....	.50
rosa bonheur. Charming flowers of a lovely soft pink, incurving petals .....	1.50
sarah bernhardt. Delicate shell pink, extra large and well formed .....	.75
secretary fewkes. Creamy white, lighter in centre, extra large and vigorous grower .....	2.00
therese. Soft shell pink with lighter centre, vigorous and free. Has a popularity unexcelled by any other peony	1.50
tourangelle. Creamy white with deep salmon shadings at base of petals, a most unusual and delightful color, very fragrant .....	1.50
walter faxon. Bright rose pink with salmon shadings, the nearest to a pure pink in the peony family .....	1.50
w. f. turner. Very dark red, one of Shaylor's varieties, tall and robust ...	2.00

Prices are for strong flowering plants, not small divisions.

#### SINGLE PEONIES.

dreadnaught. Large crimson, extra fine ..	1.00
l'etincelante. Deep rose inner petals pale rose, golden crest of stamens. A superb variety, extra large flowers .....	1.00
mrs. key. Bright satiny crimson, extra fine flower .....	.75
rosy dawn. Large snow white flower, tinged blush early, resembles a great white water lily .....	1.50
the bride. Lovely pure white .....	1.50
choice mixed. These include white, pink, red and intermediate shades .....	.75-1.00

#### PAPAYER. (Poppy.)

- R.* alpinum. (Alpine Poppy.) Very dwarf otherwise similar to the well known "Iceland Poppy."
- atlanticum. Rather more robust than nudicaule. Very useful.
- R.* nudicaule. The well known "Iceland Poppy," very free, fine for cutting. Orange, yellow or pure white colors.
- R.* nudicaule Coonara pinks. These come in very pleasing pink shades.
- R.* nudicaule Tangerine. Fiery orange, extra large, a grand novelty.
- R.* nudicaule Thibet. New brilliant orange color, very floriferous.
- R.* nudicaule California. Very rich orange.
- nudicaule. Fakenham hybrids. A superb strain, extra large flowers.
- nudicaule, Gaartref strain. Flowers are large and contain some unique colors.

#### ORIENTALE. (Oriental Poppy.)

The following named varieties from pots can be supplied, all have been increased from root cuttings. They embrace the most pleasing colors introduced to date.

beauty of livermere. Deep blood crimson.

bracteatum. Very deep red.

e. a. bowles. Pale apricot shading to shell pink.

jeannie mawson. A lovely peach pink.

olympia. Double red, flowers early.

orange beauty. Very fine orange red.  
 mrs. perry. The earliest of the pink varieties.  
 perrys' pink. A lively salmon pink.  
 perrys' white. Large pure white with black base.  
 parkmanni. Very rich striking crimson.  
 princess ena. Lovely delicate salmon pink.  
 umtembergia. Rich orange red.  
 salmon queen. Beautiful salmon pink.

Price of oriental poppies 30 cents each, \$3.00 doz.  
 The above collection one of each for \$3.00.

#### PENTSTEMON.

- barbatus Pink Beauty. Lovely clear shell pink, height 24 inches.
- barbatus Torreyi. Bright red flowers from July onwards.
- coeruleus. Lovely variety, mauve flowers changing to blue.
- digitalis. White foxglove like spikes very freely produced, 24 inches.
- R. glaber. Purple blue, very dwarf habit.
- R. glaber hybrids. Varying pleasing colors.
- grandiflorus. Striking glaucous bluish foliage and large lavender flowers.
- ovatus. Rich purple blue, robust grower, 36 inches.
- pubescens. Violet flowers shading to flesh pink.

#### PHLOX. Early Dwarf Varieties.

- R. amaena. (American phlox.) Lavender pink flowers in May.
- R. canadensis. Native variety, rich purple flowers.
- R. divaricata. Lovely pale blue native phlox.
- R. divaricata laphami. A specially lovely shade of blue.
- R. divaricata alba. Good pure white form.
- R. subulata alba. Pure white form of the Moss pink.
- R. subulata Blue Hill. The finest blue variety, flowers are deep in color.
- R. subulata lilacina. Pale lilac to lavender in color.
- R. subulata rosea. A rosy pink form.
- R. subulata Vivid. Far the best of the pink varieties.
- subulata Brilliant (atro-purpurea). Brilliant crimson red, the richest colored of this section.

#### PHLOX, Upright Panicked Section.

- beacon. Bright cherry red, very effective shade.
- blue hill. Rich violet blue, the finest of its color.
- b. compta. Fine satiny purple variety, tall and very late bloomer
- caroline vandenburgh. Lavender blue, the best of this shade to date. 30 cents each, \$3.00 doz.
- columbia. (New.) (Plant patent 118.) Of a pleasing cameo-pink color but has not given great satisfaction. Other varieties we carry are better. 35 cents.
- coquelicot. Brilliant orange scarlet.
- daily sketch. (New.) A wonderful new variety, robust in habit and immense heads of bright rosy pink flowers with a deeper eye, the flowers exceed in size those of any other variety in commerce today. 50 cents each, \$5.00 per doz.
- diplomat. (New.) The largest and purest white phlox yet offered, heavy dark foliage. 35 cents each.

eclairer. Large carmine with salmon centre.  
 elizabeth campbell. Salmon pink with deeper  
 eye. Fine color but this variety lacks con-  
 stitution. 30 cents each, \$3.00 doz.

enchantress. Splendid bright salmon, vigor-  
 ous habit.

f. g. von lassburg. Splendid pure white, tall.  
 george stipp. (New.) Deep glowing salmon  
 with lighter eye, holds its color, very ro-  
 bust, 2½-3 feet. 50 cents.

jules sandeau. Large very pure pink, medium  
 height.

miss verboom. Rich glossy foliage like Miss  
 Lingard, an early and continuous bloomer,  
 color lavender pink.

miss lingard. Undoubtedly the finest of all  
 panicked phloxes. Rich shiny foliage, the  
 earliest variety to flower and persists un-  
 til late October. White with a delicate lilac  
 eye.

mrs. e. pritchard. Extra fine clear pink.

mrs. charles dorr. Very good lavender.

mrs. milly van hoboken. Superb new pink  
 without eye, very large flowers. I consider  
 this much superior to Elizabeth Campbell.

mrs. jenkins. Large pure white.

mia ruys. Superb dwarf white with immense  
 flowers.

mrs. scholton. Deep salmon pink in immense  
 spikes.

rijnstrom. Bright rosy pink, extra large  
 flowers, very vigorous.

rosalinda. An amaranth pink Miss Lingard,  
 flowers very early. 50 cents.

saladin. Brilliant orange scarlet, holds its  
 color splendidly.

salmon glow. (New.) A cross between Jules  
 Sandeau and Elizabeth Campbell, a lively  
 pink color with salmon shading. 35 cents.

thor. Deep salmon pink, aniline red eye.

tigress. (New.) A superb salmon scarlet, very  
 large flower heads. 50 cents.

victor heurlin. A lovely salmon pink variety.

#### **PHYSOSTEGIA. (False Dragonhead.)**

virginiana. Upright spikes of light rosy lilac  
 flowers.

virginiana alba. A desirable pure white form.

virginiana vivid. Dwarf pink variety, flowers  
 much later than the tall types, an espe-  
 cially useful perennial.

#### **PHYTEUMA. (Horned campion.)**

orbiculare. A good perennial 12-18 inches  
 high, flowers purple blue.

#### **PLATYCODON. (Balloonflower.)**

grandiflora. Large violet blue, cup shaped  
 flowers.

grandiflora alba. Fine pure white form.

#### **PLUMBAGO. (See Ceratostigma.)**

#### **POLEMONIUM. (Jacobs Ladder.)**

caeruleum. Erect spikes of deep blue flowers.  
 Fine perennial.

R. reptans. Dwarf form, fine rock garden plant.

#### **POTENTILLA.**

miss willmott. Upright habit, magenta rose  
 flowers.

argyrophylla. Silvery foliage and amber col-  
 ored flowers.

R. tridentata. Rich shiny divided leaves, pure  
 white flowers, splendid alpine.

warrensii. Large yellow flowers, height 24  
 inches. Splendid new variety.

**PRIMULA. (Primrose.)**

- R. acaulis.* (English primrose.) Soft yellow, an old favorite.
- R. auricula.* Alpine strain, fine range of colors, this proves very hardy in New England. 30 cents.
- beesiana.* Whorls of rosy purple flowers. 30 cents.
- bulleyana.* Large apricot yellow whorls. 30 cents.
- R. cortusoides.* A charming Siberian variety with light loose heads of rosy pink flowers. 50 cents.
- denticulata* var. *Cashmeriana.* Very early bloomer. Neat flower heads of bright lilac rose.
- frendosa.* A lovely little early flowering pink variety. 35 cents.
- japonica.* Rich crimson, occasionally rose or white, long spikes. 30 cents.
- R. juliae.* A lovely species with large rosy purple erect flowers. 50 cents.
- R. queen of heaven.* A truly beautiful medium blue. 50 cents.
- R. polyanthus.* Blue shades. 35 cents.
- R. polyanthus.* Red shades.
- R. polyanthus.* Golden yellow.
- polyanthus.* Pure white.
- red hugh.* An intense fiery red. 30 cents.
- R. wanda.* A lovely scarlet crimson, dependable and free. 50 cents.

Additional to the foregoing we have a number of other varieties in rather limited numbers. All primulas succeed best in partial shade and are benefited by mulching and also watering in hot dry weather.

**R. PRUNELLA. (Selfheal.)**

*webbiana.* Round heads of purple flowers all summer, succeeds well in shade.

**PULMONARIA.**

*angustifolia.* A lovely spring flower resembling *Mertensia virginica*. 35 cents, \$3.50 per doz.

*maculata.* Beautiful silvery spotted leaves and pink flowers, very attractive without flowers. 50 cents, \$5.00 per doz.

**PYRETHRUM. (Persian daisy.)**

*roseum*, single in white, pink and red shades separately.

*roseum*, choice mixed all colors.

*roseum*, double, choice mixed.

*uliginosum.* (Giant oxeye daisy.) Grand border plant, flowers in late summer.

**R. SAGINA.**

*glabra* (Pearlwort.) A low tufted herb, very fine leaves, fine for edging or ground cover, flowers pure white.

**SALVIA. (Sage.)**

*azurea grandiflora.* Beautiful deep blue flowers in long racemes, flowers in late September. One of our best blue perennials.

*pratensis tenorii.* Rather dwarf in habit, a smother of blue flowers in June.

*pitcheri.* Grows 3-4 feet high, rich gentian blue flowers in early fall, greatly admired. 35 cents.

*scalaria.* Blue and white flowers, large wooly foliage.

**SANGUINARIA.**

- R. canadensis.* (Bloodroot.) Pure white flowers in very early spring. Prefers shade and moisture.

**R. SAPONARIA.**

ocymoides. (Rock Soapwort.) Rosy pink, fine trailing rock plant.

**SAXIFRAGA. (Saxifrage.)**

- R. aizoon*. Dense grayish turves, creamy flowers.
- R. apiculata*. Pale yellow flowers in very early spring.
- R. baldensis*. Another of the *aizoon* section, pretty silvery rosettes.
- R. cordifolia*. Broad dark green foliage, highly colored during winter, robust spikes of pink flowers in early spring.
- R. crustata*. Of *Aizoon* section, neat and an easy grower.
- R. ferdinand coburgi*. Makes a very neat cushion, soft yellow flowers. 35 cents.
- R. guilford seedling*. Of *dactyloides* section, deep carmine flowers. 35 cents.
- R. hostii*. This encrusted variety has white flowers carried on red stems.
- R. pyramidalis*. One of the *Cotyledons*, very robust with great pyramids of white flowers. 50 cents.
- R. primuloides*. Small pink flowers and green foliage.
- R. sancta*. Of the *Kabschia* section, yellow and a good grower. 35 cents.
- R. sarmentosa*. A popular house plant but perfectly hardy if given ample shade, attractive foliage and graceful spikes of white flowers, with pink spots.
- R. umbrosa*. The very popular "London Pride." Attractive foliage and spikes of white flowers.

While the tufted green leaved section like full light, about all other varieties will stand our hot summers better in half shade. The saxifragas are a very attractive class of Rock Garden plants rapidly growing in favor.

Prices of Saxifragas unless otherwise stated 30 cents each, \$3.00 doz.

**SCABIOSA.**

*caucasica*. Beautiful rich blue, splendid for cutting. 30 cents each, \$3.00 doz.

*caucasica*. Houses choicest hybrids. Beautiful shades of blue, magnificent perennials. 40 cents each, \$4.00 doz.

*caucasica*, *perfecta alba*. Superb snow white variety. 50 cents.

*goldingensis*. A lovely form of *caucasica*, rich lavender blue flowers on long stems, 30 cents each, \$3.00.

**SEDUM. (Stonecrop.)**

- R. acre*. The pretty little "gold dust" of old walls and roofs.
- R. aizoon*. Very neat rock plant.
- R. album*. Tufted evergreen habit, white flowers.
- R. anglicum*. Very neat compact variety with white flowers.
- R. dasyphyllum*. Attractive bluish foliage, white flowers.
- R. ellacombianum*. A very interesting variety.
- R. ewersii*. Rose colored flowers, very pretty rock species.
- R. fosterianum*. Unique and very distinctive form.
- R. hispanicum*. Sweetly pretty, small growths, pink flowers.
- R. kamschaticum*. Orange stonecrop.

- R.* lydium. Neat and interesting, glaucous foliage.
- R.* murale. Pretty graceful species for walls or rockeries.
- R.* obtusatum. Bronzy foliage and yellow flowers.
- R.* oppositifolium. White stonecrop.
- R.* reflexum. Yellow flowered species.
- R.* sexangulare. Dark green foliage, yellow flowers.
- R.* sieboldii. Lovely late flowering variety from Japan, bright pink flowers, very useful variety.
- spectabile. Of erect habit, 18 inches in height, large heads of showy rose colored flowers.
- spectabile brilliantissima. Extremely brilliant variety, has received many high awards.
- R.* spurium coccineum. Rosy crimson flowers.
- R.* stoloniferum. Purplish pink flowers.

Sedums are good subjects for the drier locations in the rock garden also in walls, they withstand long periods of drought with impunity, all prefer sunshine. An absurdly long list of varieties is often seen, distinctions are so trifling that even experts can hardly find them.

#### SEMPERVIVUM. (Houseleek.)

- R.* arachnoideum. Spider web houseleek, very interesting plant.
- R.* arachnoideum hastipetalum. Very small form of the spider-web houseleek.
- R.* arenarium. Small green rosettes in great numbers.
- R.* atro-violaceum. Richly colored variety.
- R.* doellianum. Small hairy rosettes of light green.
- R.* fimbriatum. The fimbriated houseleek.
- R.* fauconette. Bronzy colored, attractive rosettes.
- R.* funkii. The green rosettes are tipped brown.
- R.* globiferum. Flattened rosettes of grey green.
- R.* lowns no. 60. An unusually distinct variety. 35 cents.
- R.* pseudo-arachnoideum. Very interesting form. 50 cents.
- R.* rubicundum. Large violet tinged rosettes, very striking. 50 cents.
- R.* schottii. Rosettes 2-3 inches across, green tipped brown, is also known as *S. glaucum*.
- R.* soboliferum. "Hen and Chickens." Lusty grower.
- R.* tectorum. Roof houseleek, the best known variety.
- R.* tectorum violaceum. Rich violet coloring.

The sempervivums are splendid for hot, dry sunny locations where soils are light. While all flower the rosettes are the really attractive feature of the plants.

#### SIDALCEA.

hybrida. Splendid perennials with upright spikes of flowers reaching a height of 4 feet, varying colors.

#### SILENE. (Catchfly.)

- R.* acaulis. (Moss campion.) Lovely alpine rose purple flowers. 50 cents each.
- R.* alpestris. White flowers, an elegant dwarf variety. 50 cents each.
- R.* maritima. See pink. Pretty trailing plant with white flowers.
- R.* maritima rosea. Attractive white form of above.



- R. schafta.* Rosy purple, trailing habit, good rock plant.
- R. sylvestris.* Excellent rock garden variety.
- STACHYS.** (Betony.)
- R. lanata.* White woolly leaved plant fine for rockery or edgings.
- STOKESIA.** (Giant cornflower.)
- cyanea.* Large blue flower of aster like form, late bloomer.
- SWEET WILLIAM.** (See *Dianthus*.)
- SPIRAEA.** (See *Astilbe*.)
- TEUCRIUM.**
- R. chamaedrys.* Splendid perennial plant, bushy habit, greyish foliage, flowers are reddish purple to rose in color produced in whorls.
- THALICTRUM.** (Meadowrue.)
- R. adiantifolium.* Maidenhair meadowrue, graceful fern like foliage.
- R. alpinum.* Fluffy heads of creamy flowers, charming miniature variety for the rock garden. 35 cents.
- dipterocarpum.* Lovely mauve flowers in large panicles. 35 cents each.
- flavum.* Pale yellow heads of flowers on long stems in July.
- glaucum.* Fragrant yellow flowers, blue gray foliage.
- R. minus.* Very dainty little variety for rock gardens.
- THERMOPSIS.**
- mollis.* Erect spikes of soft yellow flowers.
- caroliniana.* Tall spikes of bright yellow flowers.
- THYMUS.** (Thyme.)
- R. argentea.* Silvery-leaved thyme.
- R. aurea.* Golden foliage, very attractive.
- R. citriodora.* Very spicily fragrant.
- R. herba-barona.* Has a very distinct spicy odor.
- R. nitida.* Of more erect habit than other varieties, white flowers, suggestive of Scotch heather when flowering, very unique.
- R. serpyllum.* Creeping habit, flowers purple.
- R. serpyllum album.* Pure white flowers, pretty variety.
- R. serpyllum coccineum.* Red flower form.
- R. serpyllum lanuginosus.* Woolly leaved creeping thyme, very popular variety.
- TRADESCANTIA.** (Spiderwort.)
- virginiana.* Useful garden plant, deep blue flowers.
- TRILLIUM.** (Woodlily.)
- R. grandiflorum.* White trillium, splendid naturalized in shade.
- R. stylosum.* Pink trillium. Loves leaf mold and shade.
- TRITOMA.** (See *Kniphofia*.)
- TROLLIUS.** (Globeflower.)
- asiaticus.* (Asiatic globeflower.) Rich orange. fire globe. An excellent orange variety.
- earliest of all.* (New.) Light orange yellow, extremely early.
- empire day.* Large orange yellow with deep colored stamens.
- ledebouri golden queen.* Rich golden yellow flowers with deeper centre, very robust grower and a later bloomer than other vars.
- europaeus.* (European Globeflower.) Rich golden yellow.
- japonicus.* Very rich orange.
- Prices of *Trollius* 50 cents each, \$5.00 per doz.

**TUNICA.** (Tunic flower.)

- R.* saxifraga. Small pale purple flowers, produced all summer.
- R.* saxifraga, double white. A purely double form of this valuable plant. 30 cents each, \$3.00 doz.
- R.* saxifraga, double pink. Another interesting and pretty double variety. 30 cents each, \$3.00 doz.

**VALERIANA.** (Garden heliotrope.)

officinalis. Useful, robust, fragrant, free flowering perennial.

**VERONICA.** (Speedwell.)

- blue jay. Deep blue spikes similar to subsessilis but dwarfer and an earlier bloomer.
- R.* corymbosa stricta. Fine alpine, dense plumes of azure blue flowers.
- R.* filiforme. A very dwarf rapidly spreading variety for ground cover, does well in shade.
- R.* incana. Pretty silvery foliage and violet blue flowers, fine plant for the rock garden or edging.
- longifolia. Fine late blue variety with erect spikes, late bloomer.
- longifolia subsessilis. One of the most valuable of all blue flowering perennials.
- R.* repens. Superb, compact growing rock plant, smothered with pale blue flowers in late spring.
- R.* royal blue. Dwarf bushy habit, dark blue flowers.
- R.* rupestris. Splendid rock plant, lovely blue flowers.
- R.* saxatilis. Pretty blue flowers, prostrate habit.
- spicata. Violet blue flowers in long branched spikes.
- spicata alba. Pretty pure white form.
- R.* **VINCA.**
- minor. (Periwinkle.) Splendid for ground covers in either sun or shade.
- R.* minor alba. Pretty pure white variety.
- R.* bowles variety. More compact habit, much superior to type.

**VIOLA.** (Violet family.)

- R.* apricot. Rich apricot color, very desirable.
- R.* arkwright ruby. Very rich ruby colored flowers. 35 cents.
- R.* black knight. Jet black flowers of moderate size, striking variety.
- R.* bosniaca. Distinct alpine species with rosy magenta flowers.
- R.* bowles black. Small circular black flowers with tiny golden center.
- chantreyland. (New.)
- The finest acquisition in Violas in recent years. Flowers are of a rich apricot color, plants are much more stocky than those of Apricot, bloom more profusely and over a longer season. This will soon entirely displace the variety Apricot.
- R.* cornuta alba. Useful pure white trailing variety.
- R.* cornuta atro-purpurea. Rich deep violet.
- R.* jersey gem. A wonderfully profuse bloomer, rich purple color, the most dependable and persistent of the whole family.
- R.* jersey gem alba. I introduced the pure white variety of Jersey Gem 10 years ago, and it has proved just as satisfactory as the original purple type. The exact counterpart of Jersey Gem except in color.

- R. lavender gem. A replica of jersey gem but flowers are of a soft rich lavender.
- R. maggie mott. We have a fine stock of this immensely popular English variety with large lavender flowers. 30 cents each, \$3.00 doz.
- R. odorata. Double Russian. Perfectly hardy, the deep purple flowers are intensely fragrant, the stems are rather short but the odor far exceeds that of any other violet. This variety has been very scarce but we have now secured a fair stock of it.
- R. odorata. Single Russian. A sweet single scented purple variety.
- R. odorata rosina. This is the charming and very fragrant pink form which flowers heavily in late fall and again in spring.
- R. royal gem. A great improvement over jersey gem, much larger flowers, also a later and more continuous bloomer. 30 cents each, \$3.00 doz.

We can also supply a number of varieties of the larger flowered tufted Violas like lutea splendens, admiration, primrose dame, imperial blue and blue perfection as well as a superb strain of Pansies.

#### YUCCA.

filamentosa. Vigorous spikes attaining a height of 5-6 feet, large creamy white flowers. Succeeds well in quite poor soil, very striking evergreen foliage. 30-50 cents.

### PRICES OF HARDY PERENNIALS

Except where otherwise quoted, prices of all hardy perennial plants are 25 cents each, \$2.50 per doz., and \$15.00 per 100. Six plants at dozen rate and 25 and 50 at 100 rate.

### SWEET AND POT HERBS

We carry a good selection of the best and most interesting Sweet and Pot Herbs suitable for the Herb Garden, in addition to the various Thymes and other varieties to be found scattered through the general list of Hardy Perennials. Amongst the varieties we offer are the following:

artemisia	tarragon, french
(southernwood)	horehound
angelica	hyssop, common
aniseed	hyssop, pure white
apple mint	mint
basil, bush	marjoram, pot
basil, sweet	marjoram, sweet
balm	lavender, common
borage	lavender, true
cardoon	savory, summer
caraway	savory, winter
coriander	sage, broad leaved
dill	thyme, english
fennel, sweet	thyme, french

In addition we carry such fragrant plants as Lemon verbenia (Aloysia) and several varieties of interesting scented leaved Geraniums. The following vars., from pots are 25 cents each, Southernwood, Tarragon, Apple mint, Lavender, Lemon verbenia, scented Geraniums. Other varieties are 15 cents each, \$1.50 per doz. Collection of 12 vars. for \$1.50. For collections of Herb seeds see special seed list in this catalogue.

## **QUALITY BRAND PULVERIZED SHEEP MANURE**

The purest and best brand obtainable. Splendid for the lawn, flower garden, vegetable garden, shrubbery and house plants. This is New England produce and vastly superior to the brands coming from the West which are usually much adulterated. Compare price and quality with other brands offered. 5 cents per pound in small lots, \$2.50 per 100 pounds. \$45.00 per ton.

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## **PURE CANADIAN UNLEACHED HARDWOOD ASHES**

In conjunction with fine bone this makes the ideal lawn fertilizer, brings in no weed seeds like barnyard manure. Excellent for all garden purposes. In jute bags containing 100 pounds \$2.50, per ton \$45.00.

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## **PURE GROUND BONE**

The very best quality of finely ground bone obtainable. Unexcelled for use on the lawn or in the garden. Makes an excellent and safe top dressing for geraniums, callas, and other flowering plants in the home. Per 100 pound bag, \$2.50, per ton, \$48.00. In small lots, 6 cents per pound.

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## **AGRICO**

A splendidly balanced fertilizer for trees, shrubs, perennials, annuals, lawns and vegetables, \$2.50 per 100 lbs. Also can be had in 25 and 50 lb. cloth bags.

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## **VIGORO**

An excellent fertilizer for Roses, Hardy Perennials, Lawns and Vegetables. A 50 lb. bag suffices for 3,500 square feet of lawn or garden. Carried in neat cloth bags 25 lbs. \$1.75, 50 lbs. \$2.75, 100 lbs. \$5.00. Also in cartons at 50 cents each.

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## **PURE OAK LEAF MOLD**

Screened and ready to use. Splendid for seeds of all kinds, for adding to potting soil and use in the garden. This is pure and not to be confounded with the badly adulterated material too commonly sold. \$1.00 per bushel, \$2.50 per 2½ bushel sack.

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## **IDEAL PEAT MOSS**

For over 12 years we have been offering this, the original imported peat moss and it still remains easily the best coming into this country from Europe. Must not be confounded with the many brands coming in of coarser grade which are often in smaller sized bales and are sold cheaply. Fine for mulching, incorporating with the soil, top-dressing lawns which dry out badly, and other purposes. One bale will give a mulch to 300 square feet of ground an inch thick. Free deliveries in Boston and vicinity. Per bale \$3.50, 10 bales \$32.50, 20 bales \$62.50. Also in bags \$1.00 each.



## Rose, Rock, Perennial and Other Types of Gardens Planned and Planted

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## Expert Advice Furnished on All Horticultural Matters

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## Lectures Given on Horticultural Subjects, Illustrated if desired

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List of Lectures Each With 100 or More Slides.

Hardy Lilies for American Gardens  
Roses for New England Gardens  
Dutch and other Hardy Bulbous plants  
Rock and Alpine Plants  
Practical Floriculture  
Deciduous Shrubs in Flower, Foliage and Fruit  
Hardy Herbaceous Perennials  
British Gardens and Flower Shows

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## **MASSACHUSETTS HORTICULTURAL SOCIETY**

This is easily the largest and most influential body of its kind in the United States. Annual dues are only \$2.00 and this entitles members to make use of the finest library of its kind in the World, copies of the annual transactions of the Society, admissions to Lectures and Flower Shows and other advantages, including a copy 24 times yearly of "Horticulture."

The next great Spring Flower Show will be held in Mechanics Building, Boston, on March 12-18, this exhibition will cover over 100,000 square feet of space and promises to surpass all of its predecessors in variety and interest. For particulars regarding this exhibition apply to Arno H. Nehrling, 300 Massachusetts Avenue, Boston, Mass. There will be a number of other exhibitions during the year which will be held in Horticultural Hall, including the annual Daffodil show in late April. Free admission to all of these latter ones.

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## **AMERICAN ROCK GARDEN SOCIETY**

All those interested in Rock Garden plants should join the American Rock Garden Society. The annual exhibition will be held in the American Museum of Natural History, New York, on May 14-16, with the Horticultural Society of New York cooperating. For schedules of this show and other information concerning the Society apply to the secretary.—Mrs. Dorothy Ebel Hansell, 1270 Sixth Avenue, New York City. Annual dues are \$3.00.

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## **AMERICAN ROSE SOCIETY**

Everyone interested in Roses should belong to the American Rose Society, with headquarters at Harrisburg, Penn. The annual year book issued by the Society is alone worth more than the price of membership, which is \$3.50 per annum. For fuller information apply to Secretary, American Rose Society, Harrisburg, Penn.